

# MARYLAND BIRDLIFE

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COVER: Sanctuary House, Irish Grove Wildlife Sanctuary  
Photo by George Newcomer



## MARYLAND NEST SUMMARY FOR 1968

*Danny Bystrak*

In 1968 there was an increase over 1967 in number of counties reporting number of cards turned in, and total observers. However, there was a drop of 16 species from last year and a decrease in total nests reported. The total of 78 species is the second lowest since the nest summary was started. The 67 observers is 2 above the 14-year average, yet 1968 had the second lowest species total and the third lowest number of nests reported. The number of observers is increasing, but they are finding fewer nests! I hope the additional observers stay with us, but hope also that they will report more nests in the future.

This year Jan Reese found evidence of 4 breeding attempts by Mute Swans in Talbot County. Scott Clemson located the first Red-headed Woodpecker nest reported since 1963. Dorothy Mendinghall found the second Cedar Waxwing nest for Kent County. Jan Reese and Donald Messersmith again were the biggest contributors with the information from their Eastern Shore studies.

Bluebird Projects sponsored by the Laurel Rotary Club and Dr. Lawrence Zeleny are responsible for making the Eastern Bluebird the second most common card, with 57 reported. A large percentage of these were successful.

Special thanks are extended to Irving Hampe, Joan Scudder, and Lawrence Zeleny, new contributors who submitted large numbers of cards and gave good detail. Also, thanks go to M. Butenschoen, Scott Clemson, Arlene Delario, and Elwood Martin, who made significantly greater contributions this year. Woody Martin explored Hughes Hollow in Montgomery County in June and found some unusual piedmont nests including 5 Least Bitterns and a Long-billed Marsh Wren.

Carolina Wrens, which are famous for nesting in almost anything, showed up this year in a bird box, a flower basket, a junk pile, a sewing machine drawer, a cardboard box of nails, a box (2), on a ledge in a grainery, on a shelf in an old shed, in an old building, in a plastic bleach bottle, and under the deck of a small boat.

Nests were reported from 17 counties. Missed were Washington, Carroll, Harford, St. Marys, Wicomico, and Somerset. We should be hearing regularly from Irish Grove Sanctuary in Somerset County in the future! Table 1 shows the distribution of the material received by counties.

Table 1. Summary of 1968 Nest Records by Counties

County	Number of Species	Number of Observers	Number of Nests	Number of Cards
Allegany	4	3	4	4
Anne Arundel	21	11	57	57
Baltimore	21	5	41	41
Calvert	3	1	3	3
Caroline	29	10	77	75
Cecil	1	1	1	1
Charles	1	1	1	1
Dorchester	2	1	13	4
Frederick	1	1	1	1
Garrett	9	9	17	17
Howard	11	12	62	62
Kent	28	3	91	91
Montgomery	7	2	11	11
Prince Georges	28	18	103	103
Queen Annes	8	3	144	114
Talbot	26	5	587	74
Worcester	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
State Totals	78	67	1224	660

The 67 observers who cooperated in 1968 are listed below. After each name appear two numbers in parentheses. The first is the number of cards (which by no means necessarily reflects the number of nests); the second is the number of species these cards represent. C. E. Addy (2-1), Philip G. Ambler (1-1), Mrs. Stanley Bean (2-2), Jeff Bennett (1-1), M. Butenschoen (14-10), Danny Bystrak (40-14), Paul Bystrak (28-11), Steve Bystrak (5-4), Richard C. Carlson (3-3), John Cavka (1-1), Scott Clemson (16-13), Esther Cook (1-1), Richard and Shirley Coon (2-1), Mrs. Ed H. Crook (1-1), Helen R. Davis (3-3), Arlene Delario (74-18), Mary Ann Emerine (3-3), Ethel Engle (10-6), Edwood Fisher (2-2), Roberta B. Fletcher (22-14), Edgar E. Folk, III (1-1), Shirley Geddes (3-3), Ralph Guilford (1-1), Mrs. B. P. Hacker (2-1), I. E. Hampe (19-12), Raymond Hance (1-1), William V. Horvath (1-1), Robert Hughes (1-1), Keith Kerr (1-1), George Krantz (2-2), Roberta Leggett (1-1), Nan Livingstone (1-1), Jerry Longcore (8-6), Elwood M. Martin (11-7), Dorothy A. Mendinhal (14-12), Donald Meritt (16-12), Donald H. Messersmith (107-4), Mrs. Jos. A. Minke (2-2), Pan Minke (5-5), Charles Munn (1-1), Mrs. J. Merle Poe (2-2), Orem G. Potter (2-1), Dorothy Rauth (8-6), Jan Reese (60-18), Mrs. Riffey (1-1), Chandler S. Robbins (6-6), Eleanor Robbins (57-8), George Robbins (9-5), Nancy Robbins (1-1), Mrs. Joshua Rowe (5-4), Carol Scudder (4-4), Joan Scudder (23-8), Helen Ann Simpson (1-1), J. Warren Sowers (2-1), Mrs. Paris Sowers (2-1), Billie Taylor (2-2), Gary Thomas (1-1), Michael R.

NORTH AMERICAN NEST RECORD CARD PROGRAM										YEAR										Shaded Boxes not to be Completed by Observer									
Species <b>BARN SWALLOW</b>										1 9 6 9																			
Observer (two initials, last name) In squares in space opposite → <b>D B Y S T R A K</b>										15 17 28																			
Locality (in relation to nearest town) <b>ASSATEAGUE ISLAND</b>										Elevation (in feet above sea level)										Fill in if known Latitude									
County <b>WORCESTER</b>																				29 3 8 31 1 2 33									
State or Province <b>MARYLAND</b>																				Longitude									
										34 36 0 0 0 0 5										41 0 7 5 44 1 0									
HABITAT (circle where appropriate)																													
1. Woods 2. Swamp 3. Marsh 4. Field 5. Grassland 6. Desert 7. Tundra 8. Suburban 9. Urban 10. Other (specify) <b>Ocean Beach</b>																													
01. Coniferous 02. Deciduous 03. Mixed 04. Orchard 05. Cultivated 06. Fallow 07. No Veget. 08. Hedgerow																													
09. Shrub 10. Salt 11. Brackish 12. Fresh 13. Sandy Beach 14. Gravel Beach 15. Other (specify)																													
DOMINANT PLANT(S) IN HABITAT																													
<b>Reed Wax Myrtle</b>																													
NEST SITE (circle where appropriate)																													
01 Bare ground 02 On ground in vegetation 03 Floating 04 Low vegetation 05 Shrub 06 Palm 07 Deciduous tree branch																													
08 Deciduous tree cavity 09 Conifer branch 10 Conifer cavity 11 Nest box 12 Other structure 13 Cliff or bank																													
14 Other (specify)																													
PRINCIPAL PLANT OR STRUCTURE SUPPORTING NEST <b>Information Booth</b>																													
Height of Eggs Above Ground or Water in Feet (feet and tenths if under five feet)																													
feet 72 0 0 7 0 Tenths																													
If parasited by Cowbird check here and see instructions. 76 If same pair had other nestings this year check here (use separate card for each nesting) 77																													
PLEASE COMPLETE BOTH SIDES OF THE CARD																													
80 1																													

Figure 1.--Front of new nest card.

Todd (1-1), W & L Trowbridge (1-1), V. E. Unger (2-2), Willet T. Van Velzen (9-8), Frank Walker (1-1), Norman E. Watkins (2-1), William D. Wargo (1-1), Mrs. Leslie Welch (2-2), Lawrence Zeleny (25-1).

Starting in 1969 new nest cards will be used. These were created by the Cornell Laboratory in an attempt to get nest cards in a form that can easily be punched for computer analysis. Since this information will be punched by people who are experienced in card punching and not ornithology, it is important that you, the observer, fill them out with great accuracy. Even a simple error that could be spotted by any birder could be overlooked or misunderstood by a punch operator. A picture of both sides of the card is shown in figures 1 and 2. An explanation of the blocks follows. Blocks 1-4 are the year. The 19 is printed on the card and the next 2 blocks are for the other two numbers of the year. The shaded blocks are for official use only and are not to be filled out by the observer. In block 15 the observer's first initial is placed, and the middle initial (if any) in the next block. Starting at block 17 the observer puts his last name, using only one letter per block. Anything after block 28 will not be punched so abbreviate if necessary. The locality, county and State are not put in blocks but are written in the blank area opposite the headings. Since the cards are intended for the whole continent there are 5 blocks for elevation. Since no more than four will be used in Maryland all Maryland nests will start with at least one 0. Elevation can be found on U. S. Geodetic Survey topographic maps. If elevation is not known this can be left blank. Latitude and longitude can also be found on topographic maps. Some road







Brief notes on all 78 species recorded have been included in the following list. Record-breaking dates have been underscored. The number after each species shows the number of cards submitted.

Annotated List

- GREAT BLUE HERON, 1--An estimated 200 nests in Sherwood, Talbot Co. (JR).  
GREEN HERON, 3--One nest in Kent Co., 9 on Dickinson's Island, Talbot Co. June 15, and up to 63 near Neavitt, Talbot Co. on June 9 (JR).  
LEAST BITTERN, 5--Five nests at Hughes Hollow, Montgomery Co.; none successful (EM).  
MUTE SWAN, 4--Three pairs, one nested twice in Talbot Co. (JR--Maryland Birdlife 25 (1): 14-16).  
MALLARD, 15--19 nests in Talbot Co. duck blinds (GK, JR) 1 in Garrett Co. (BT).  
BLACK DUCK, 2--One in Queen Annes Co., 1 in Dorchester Co. Both in duck blinds.  
WOOD DUCK, 1--Several broods of young observed with parents in Baltimore Co. on Patapsco River.  
RED-TAILED HAWK, 1--Large young in nest in Prince Georges Co. on June 10 (CSR).  
BALD EAGLE, 2--One unsuccessful nest in Talbot Co. One nest with full-grown young on June 16 in Calvert Co. (WTV).  
OSPREY, 3--3 nests in Caroline, 31 in Queen Annes, 161 in Talbot and 10 in Dorchester produced a total of 118 young (JR--Maryland Birdlife 24 (4): 91-93). One young in Talbot Co. (SG) and 1 young in Kent Co. (AD).  
SPARROW HAWK, 1--3 young out of nest in Caroline Co. (RBF).  
BOBWHITE, 3--Young seen with parents in Kent and Talbot Cos. Nest with 16 eggs in Calvert on June 15 (WTV).  
KING RAIL, 1--8 young seen following 2 adults in Caroline Co. (VEV).  
KILLDEER, 2--In Kent and Talbot Cos.  
AMERICAN WOODCOCK, 2--In Howard Co. with 4 eggs on April 2 (DR) and in Prince Georges Co. with 3 eggs on April 11 (DHM).  
COMMON TERN, 2--Up to 263 occupied nests on June 9 near Neavitt, Talbot Co. (JR). Washed out colony on Dickinson's Island June 15 (JR).  
LEAST TERN, 7--Up to 34 occupied nests on May 25 (GK); 6 nests in Kent Co. (AD).  
MOURNING DOVE, 13--Nest in Prince Georges Co. with 1 egg and 1 young on Feb. 26. Would have been record egg date if found before Feb. 17 (PB). This nest successful although a second brood in the same nest failed.  
YELLOW-BILLED CUCKOO, 3--In Talbot, Caroline and Montgomery Cos.  
BARN OWL, 16--Eggs from Mar. 28 to June 6 in Eastern Shore duck blinds.  
CHIMNEY SWIFT, 2--On July 30 4 young fell down the chimney of Snowden Hall, Migratory Bird Populations Station, Laurel (CA).  
RUBY-THROATED HUMMINGBIRD, 6--In Caroline, Montgomery and Talbot Cos.  
BELTED KINGFISHER, 1--4 young left nest in Baltimore Co. (SC).  
YELLOW-SHAFTED FLICKER, 5--Talbot, Kent, Baltimore and Anne Arundel Cos; no contents observed.  
RED-BELLIED WOODPECKER, 6--No contents seen.  
RED-HEADED WOODPECKER, 1--Young in nest in Baltimore Co. (SC).  
HAIRY WOODPECKER, 2--Young observed in Kent and Prince Georges Cos.



- EASTERN KINGBIRD, 5--A Prince Georges Co. nest had 3 eggs on May 30.  
GREAT CRESTED FLYCATCHER, 3--All nests in newspaper boxes.  
EASTERN PHOEBE, 27--Nests from 8 counties, mostly under bridges.  
EASTERN WOOD PEWEE, 2--Young in nests in Caroline and Kent Cos.  
TREE SWALLOW, 3--2 of the Fletchers' 3 boxes produced young.  
BANK SWALLOW, 2--2 colonies observed in Talbot Co.; no individual nests checked.  
BARN SWALLOW, 8--Full clutches from 2 to 5 in 3 counties. A common house nesting species like this should make a better showing.  
BLUE JAY, 4--A nest of 5 young in Prince Georges Co. (RC).  
COMMON CROW, 1--3 young left a Baltimore Co. nest on May 30 (SC).  
CAROLINA CHICKADEE, 6--Nests in 5 counties, full clutches from 5 to 7 eggs.  
TUFTED TITMOUSE, 1--Kent Co. nest in Bluebird house.  
HOUSE WREN, 38--7 counties. Clutches from 5 to 8. Eggs till Aug. 3 in Anne Arundel Co. (DB).  
CAROLINA WREN, 12--6 counties. 5 eggs on April 15 in Anne Arundel Co. (PB). Egg hatched in Prince Georges Co. on August 8 (ECR). 4 eggs in Talbot Co. nest Aug. 7 (SG).  
LONG-BILLED MARSH WREN, 1--1 egg on May 30, 4 young on June 23 in Montgomery Co. (EM).  
MOCKINGBIRD, 25--5 counties. In Caroline Co. one pair nested 3 times from June 1 to Aug. 11 (JS).  
CATBIRD, 19--8 counties. First egg on May 3, in Talbot Co. (DM).  
BROWN THRASHER, 8--5 counties. Eggs from May 1 to July 4.  
ROBIN, 45--8 counties. In Kent Co. Mourning Dove shared same tree. Mean height of 43 nests was 13.8 ft. ranging from 4 to 35 ft. Young still on nest in Denton on Sept. 4 (RBF).  
WOOD THRUSH, 6--Very early egg in Prince Georges Co. on May 8 (EM).  
EASTERN BLUEBIRD, 57--A large percentage successful.  
BLUE-GRAY GNATCATCHER, 2--Contents not visible in 2 Baltimore Co. nests.  
CEDAR WAXWING, 4--In 4 counties. Second nest record for Kent Co. (DAM).  
STARLING, 9--4 eggs until June 11 in Anne Arundel Co. (SB).  
WHITE-EYED VIREO, 1--1 egg in Worcester Co. nest on May 23.  
SOLITARY VIREO, 1--Empty nest with young being fed nearby on June 29 in Garrett Co. (DB).  
RED-EYED VIREO, 3--2 in Garrett Co., one in Talbot Co.  
WARBLING VIREO, 1--Nest watched in May in Montgomery Co.  
BLACK-AND-WHITE WARBLER, 1--Young out of nest in Prince Georges Co. (CSR).  
PROTHONOTARY WARBLER, 1--Male and female feeding young in Montgomery Co. nest in woodpecker hole (WTV).  
WORM-EATING WARBLER, 1--3 young in Baltimore Co. nest on June 6 (SC).  
PRAIRIE WARBLER, 2--Eggs on July 11 in 2 Anne Arundel Co. nests (DB).  
LOUISIANA WATERTHRUSH, 1--7 eggs in Anne Arundel Co. nest (PB) on May 4.  
KENTUCKY WARBLER, 1--4 eggs in Prince Georges Co. nest from May 29 to June 10 (CSR).  
HOODED WARBLER, 1--1 young in Prince Georges Co. nest (CSR).  
AMERICAN REDSTART, 2--Contents not seen in 2 Baltimore Co. nests.  
HOUSE SPARROW, 36--Egg in Anne Arundel Co. nest until Aug. 11 (DB).  
EASTERN MEADOWLARK, 1--5 eggs in Montgomery Co. nest on June 23 (EM).  
RED-WINGED BLACKBIRD, 118--Colonies checked in Talbot and Queen Annes Cos.  
ORCHARD ORIOLE, 3--3 eggs in Caroline Co. nest on June 17 (JS).

BALTIMORE ORIOLE, 6--No contents observed.  
 COMMON GRACKLE, 12-- 3 young in Anne Arundel Co. nest on May 10 (SB).  
 BROWN-HEADED COWBIRD, 1--In Wood Thrush nest.  
 CARDINAL, 24--2 eggs on April 8 in Denton (MB). Eggs until August 16 in Prince Georges Co. (RC).  
 BLUE GROSBEAK, 3--2 eggs in Caroline Co. nest on June 15 (CS).  
 INDIGO BUNTING, 3--3 young in Anne Arundel Co. nest on July 6 (DB).  
 AMERICAN GOLDFINCH, 1--6 eggs in Anne Arundel Co. nest on August 11 (DB).  
 RUFOUS-SIDED TOWHEE, 2--3 eggs in Caroline and Anne Arundel Co. nests.  
 GRASSHOPPER SPARROW, 2--3 young in Baltimore Co. and 4 in Calvert Co. nests.  
 CHIPPING SPARROW, 24--Mostly in Caroline Co. 3 eggs on Sept. 2 in Caroline Co. (JS). Young in nest until Sept. 24 in same county (MT).  
 FIELD SPARROW, 3--3 counties. Eggs from May 6 to July 11.  
 SONG SPARROW, 4--Eggs from Apr. 27 to June 21.

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## REPORT OF STATE-WIDE BIRD COUNT, MAY 3, 1969

*George C. Robbins*

The weather was quite good for the 22nd consecutive May Count held throughout Maryland on May 3, 1969. Skies were clear, with temperatures ranging from a low of about 40° to a high in the middle to upper 80's. The wind was light southwest in the morning, gusting to 20 miles per hour in the afternoon.

The total species count was 223, the sixth highest, with 77,901 individuals, the second highest on record. There were reports from 19 of Maryland's 23 counties; only once have more counties been covered. The highest single list, 143 species, was obtained in Dorchester County by just two observers, Henry Armistead and Will Russell. Anne Arundel County observers achieved the same total by combining several party lists. And Baltimore City and County, with 66 observers under the capable direction of David Holmes, was a very close third with 142 species. Since it is unfair to compare single lists with the composite record of many parties working throughout a county, the several separate lists for Frederick, Prince Georges and Anne Arundel Counties have been combined to obtain county species totals. Totals for the 12 top counties follow:

Dorchester	143	Caroline	122	Talbot	95
Anne Arundel	143	Prince Georges	119	Washington	92
Baltimore	142	Frederick	113	Howard	90
Montgomery	131	Kent	113	Garrett	89

All reports but one are included in detail in the table on pages 52-57. The Carroll County list covered only 5 acres and was not considered comparable with the others. In several other counties two or more lists were combined into a single list for presentation in the table. On the other hand, when individual lists within a county had been published separately for several years, their identity was continued in 1969.

The record high of 818 party-hours is more than one hundred greater than the previous highest effort in 1967. There was also a record number of observers with 294.

There were three species seen this year that were never seen before on the State-wide Count. They were the Ruff and Long-billed Dowitcher seen in Dorchester County by Henry Armistead and Will Russell, and the Goshawk seen in Allegany County. The 13 Yellow-throated Warblers turned in by Montgomery County were a result of a special project to determine the distribution of these birds in that county. Only 4 Bobolinks were seen on the whole count this year, whereas in 1952 the Bobolink was the most common species; their migration had not reached this far north by the day of this year's count. The Common Grackle was the most common species reported, as it has been in 11 out of the past 13 years.

Any attempt to study population trends over the years through this State-wide Count must be undertaken with caution, bearing in mind that coverage is not strictly standardized from year to year, and that counts also are affected by weather conditions. In general, the best year-to-year comparisons can be made with permanent resident species, or at least with those that are not at the peak of their migration period.

Table 1. Mean Number of Birds per 100 Party-hours for Selected Species

Species	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Party-hours	246½	387	374½	417½	428½	488½	442½	564½	656	684	690	714	620	818
Turkey Vulture	256	196	120	130	118	45	163	113	134	83	116	34	62	101
Red-shouldered Hawk	12	6	3	5	4	2	3	7	5	3	2	1	2	4
Bobwhite	75	88	72	80	77	74	145	95	55	111	114	71	121	110
Killdeer	58	96	34	34	21	9	24	14	13	13	16	19	19	19
Pileated Woodpecker	2	3	1	2	3	4	4	2	2	4	7	4	7	4
E. Phoebe	44	51	16	24	23	18	23	24	23	28	24	14	22	26
Blue Jay	280	96	471	413	128	142	2038	412	160	596	259	123	234	532
Carolina Wren	72	90	50	72	33	16	32	20	30	48	30	23	41	54
Wood Thrush	136	79	149	138	156	136	157	106	68	89	91	97	111	92
Eastern Bluebird	72	90	29	23	10	10	9	21	12	32	14	6	11	9
Evening Grosbeak	2	0	9	0	35	1	35	0	50	0	21	0	1	81
Common Grackle	1151	855	798	681	879	1015	1537	1187	922	1436	1244	1320	1489	1173

Table 1 gives a summary of the number of birds recorded per 100 party-hours of observation for a dozen species over a 14-year period. The low counts of Turkey Vultures, except in 1968, reflect rainy weather on the day of the count. The Red-shouldered Hawk, which has declined seriously in New England during this period, is still making a good showing in Maryland. Bobwhite numbers appear to have reached a peak in 1962. Populations of the Killdeer, Eastern Phoebe and Eastern Bluebird suffered a crash in the winter of 1957-58, from which they have not recovered. The Pileated Woodpecker is not only holding its own, but shows evidence of an increase in the past 4 or 5 years. The Blue Jay is included as an example of a species that is near the height of its spring migration at the time of our counts; hence the numbers vary enormously from year to year and do not reflect population trends at all. The Carolina Wren appears to be more common now than it has been for a decade. Table 1 warns us to pay attention to Wood Thrush populations during the next few years; there is

Table 2. State-Wide Bird Count

Species	Gar	All	Was	WFr	Emm	CFr	SFr	Bal	Har	How	Mon	Ros	PrG	PRC	CAA	Gib	Ann	Cal	Cec	Ken	Car	Tal	Dor	Wic	Wor	Total
Common Loon	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	2	-	-	6	-	-	15
Horned Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	3
Pied-billed Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	3	5	-	-	-	-	-	12
Double-cr. Cormorant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	7	
Great Blue Heron	-	-	1	-	-	-	-	1	1	1	2	-	-	4	-	6	8	-	-	35	8	20	69	-	2	158
Green Heron	1	-	1	-	-	2	1	9	-	-	8	-	1	5	-	1	4	-	-	14	3	2	6	-	2	60
Little Blue Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	10	13	
Cattle Egret	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	3	4	-	38	2	51	
Common Egret	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	1	25	-	35	
Snowy Egret	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	16	-	54	73	
Black-cr. Nt. Heron	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	2	5	
Yellow-cr. Nt. Heron	-	-	-	-	-	-	-	5	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
American Bittern	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	1	-	4	
Glossy Ibis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	5	
Mute Swan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	
Whistling Swan	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	1	-	-	-	41	-	-	2	-	46	
Canada Goose	-	-	-	-	-	-	-	1	3	-	-	-	-	61	2	-	1	-	350	365	102	77	86	-	1048	
Brant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-	45	
Mallard	2	6	8	-	6	18	1	20	4	8	27	-	9	36	2	10	18	-	-	176	6	6	57	3	3	426
Black Duck	-	-	-	-	-	-	-	3	-	2	2	-	1	74	-	2	-	-	4	46	14	1	47	2	12	210
Gadwall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	7	
Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	
Green-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	3	
Blue-winged Teal	-	-	-	-	-	-	4	1	-	-	3	-	-	-	-	-	-	-	-	3	-	70	-	-	81	
Am. Widgeon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	7	-	2	-	-	10	
Wood Duck	-	5	-	-	10	19	12	30	-	5	55	-	4	68	13	2	4	-	-	34	14	1	6	-	-	282
Greater Scaup Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	
Lesser Scaup Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	13	
Bufflehead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	8	
Ruddy Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	18	1	-	29	
Hooded Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	3	
Common Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4	-	-	-	-	-	6	
Turkey Vulture	9	7	10	17	10	2	13	123	6	12	32	6	7	18	1	3	5	5	2	201	222	27	64	12	16	830
Black Vulture	-	-	1	12	-	-	4	2	-	-	3	1	-	-	-	1	-	-	-	15	7	1	-	-	47	
Goshawk	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Sharp-shinned Hawk	1	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	6	
Cooper's Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	3	
Red-tailed Hawk	1	2	-	-	1	-	3	7	2	1	6	-	1	2	1	3	3	-	-	13	7	2	6	2	1	64

Species	Gar	All	Was	WFr	Emm	CFr	SFr	Bal	Har	How	Mon	Ros	PrG	PRC	GAA	Gib	Ann	Cal	Cec	Ken	Car	Tal	Dor	Wic	Wor	Total
Red-shouldered Hawk	-	-	-	-	1	-	3	1	-	1	6	-	5	9	2	-	-	1	-	4	-	-	1	-	-	34
Broad-winged Hawk	-	1	3	2	-	2	-	16	-	3	1	-	2	-	3	-	-	-	-	1	-	-	2	-	-	36
Bald Eagle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	5	-	-	9
Marsh Hawk	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	7	-	-	9
Osprey	1	-	-	-	-	-	1	3	2	-	4	-	-	1	-	4	11	-	-	29	6	12	18	2	4	98
Pigeon Hawk	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sparrow Hawk	1	1	-	1	5	-	2	7	2	1	1	-	1	2	2	-	1	-	2	4	2	1	-	-	-	36
Bobwhite	-	23	38	3	15	15	12	80	15	22	49	31	21	30	24	18	17	3	4	228	150	15	65	6	16	900
Ring-neck Pheasant	-	-	6	-	6	9	-	55	-	-	-	-	-	-	-	1	-	-	-	6	-	-	1	-	-	84
Turkey	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	1	-	-	7
King Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	3	-	1	-	-	6
Clapper Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	12	14
Virginia Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	14	-	-	16
Sora Rail	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Common Gallinule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
American Coot	-	-	-	-	-	-	-	1	-	-	1	-	-	3	-	-	-	-	50	32	-	-	-	-	-	87
Am. Oystercatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
Semipalmated Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	3	-	-	5
Killdeer	5	3	10	2	3	2	3	22	3	2	2	9	8	-	2	-	3	-	5	22	37	-	8	4	-	155
Black-belly Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
Am. Woodcock	-	1	-	-	1	-	-	6	-	4	-	-	5	-	-	-	-	-	-	1	5	-	14	-	-	37
Common Snipe	-	-	2	-	1	-	-	-	-	-	2	-	1	-	-	1	-	-	-	3	1	-	-	-	1	12
Whimbrel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Upland Plover	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Spotted Sandpiper	1	-	2	-	2	7	3	26	-	2	4	-	2	6	2	3	1	-	1	11	2	-	4	-	1	80
Solitary Sandpiper	-	-	-	-	5	4	7	19	-	1	12	-	1	1	9	-	-	-	-	9	1	-	4	-	-	73
Willet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	73	-	127
Greater Yellowlegs	-	-	-	-	1	2	3	10	-	-	1	-	-	1	-	1	2	-	-	11	7	7	16	-	1	63
Lesser Yellowlegs	-	-	-	-	-	2	2	1	-	-	2	-	-	-	-	-	5	-	-	11	-	-	154	-	-	177
Purple Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	45
Pectoral Sandpiper	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-	40
Least Sandpiper	-	-	-	-	-	-	16	1	-	-	-	-	-	-	-	1	-	-	-	68	-	-	45	-	-	121
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	-	160	-	385
Short-bil Dowitcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Long-bil Dowitcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2
Stilt Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
Semipalmated Sandpiper	-	-	-	-	-	-	-	12	-	-	-	-	-	-	1	-	-	-	-	37	-	-	5	-	-	55
Ruff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1

Species	Gar	All	Was	WFr	Emm	Cfr	SFr	Bal	Har	How	Mon	Ros	PrG	PRC	CAA	Gib	Ann	Cal	Cec	Ken	Car	Tal	Dor	Wic	Wor	Total
Sanderling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	9
Gr. Black-back Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-	-	1	-	-	23	52
Herring Gull	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	30	25	-	12	163	1	5	38	12	60	359
Ring-billed Gull	-	-	-	-	-	-	-	30	-	-	1	-	-	-	-	23	6	-	72	152	77	6	55	-	27	449
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	8	-	1	162	147	100	101	11	533
Bonaparte's Gull	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	6	-	-	-	-	-	2	-	-	4	14
Common Tern	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	6	11	-	214	233
Least Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	37	40
Royal Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
Caspian Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Black Skimmer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11
Mourning Dove	9	10	38	7	30	23	20	250	17	28	86	15	30	52	11	24	10	9	9	108	141	26	50	2	2	1007
Yellow-bill Cuckoo	1	3	2	-	1	1	1	2	-	2	1	-	-	1	2	1	-	-	-	1	3	-	-	-	-	22
Black-billed Cuckoo	-	1	-	-	-	-	-	3	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	6
Barn Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Screech Owl	-	-	3	-	1	-	-	2	-	1	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	10
Great Horned Owl	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	4	2	1	1	-	-	10
Barred Owl	7	-	-	-	-	-	-	3	2	2	14	-	-	-	2	-	-	2	-	3	1	1	-	-	-	37
Chuck-will's-widow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	7
Whip-poor-will	-	-	-	-	-	-	-	9	-	14	1	2	7	-	8	1	1	5	1	3	23	-	11	-	-	86
Common Nighthawk	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2
Chimney Swift	6	55	75	15	25	65	4	162	20	15	78	8	12	52	1	27	4	30	40	51	151	33	85	3	29	1046
Ruby-t. Hummingbird	-	-	1	-	-	1	1	2	1	-	2	-	-	1	-	4	2	4	1	3	6	1	2	-	-	32
Belted Kingfisher	-	-	2	-	1	-	1	15	-	1	13	-	2	-	-	11	3	-	1	12	2	-	-	-	1	65
Yellow-shaft Flicker	42	62	37	9	15	8	5	116	4	10	36	20	12	13	10	27	11	1	3	37	27	2	21	-	2	530
Pileated Woodpecker	2	8	1	-	1	2	-	1	-	2	7	-	-	4	3	-	1	-	-	-	4	-	-	-	-	36
Red-bellied Woodp'r	-	4	3	4	3	8	6	67	4	9	61	17	10	35	32	20	20	5	2	41	67	23	7	1	2	451
Red-headed Woodp'r	1	-	4	-	6	-	-	3	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-	17
Yel-belly Sapsucker	1	1	1	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6
Hairy Woodpecker	1	13	2	-	-	-	1	14	1	1	19	-	-	1	4	1	2	1	-	6	12	-	1	-	1	81
Downy Woodpecker	-	28	11	2	10	3	6	79	3	17	48	9	5	8	15	6	7	6	-	21	26	3	6	1	-	320
Eastern Kingbird	2	-	13	2	-	7	6	40	-	2	21	-	4	15	1	5	1	-	3	25	12	4	46	2	1	212
Gt. Crested Flycatcher	1	1	5	-	5	4	11	27	6	6	44	2	1	5	5	3	1	-	-	19	45	6	35	4	-	236
Eastern Phoebe	9	6	14	7	3	8	2	48	2	11	43	3	2	3	4	4	1	2	2	-	28	3	-	5	-	210
Acadian Flycatcher	1	-	-	-	-	-	2	1	-	1	15	-	-	-	12	-	-	1	-	-	3	-	1	3	-	40
Least Flycatcher	15	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
E. Wood Pewee	4	1	3	-	-	-	-	1	-	-	3	1	-	-	1	1	1	-	1	-	5	1	1	1	-	25
Horned Lark	5	6	4	-	4	-	10	1	-	2	4	-	-	-	-	-	1	-	-	1	34	1	14	2	7	96



Species	Gar	All	Was	WFr	Emm	CFr	SFr	Bal	Har	How	Mon	Ros	PrG	PRC	CAA	Gib	Ann	Cal	Cec	Ken	Car	Tal	Dor	Wic	Wor	Total
Tree Swallow	15	-	-	-	-	-	3	35	6	1	1	-	1	69	-	50	-	25	-	110	26	3	125	8	24	502
Bank Swallow	-	-	-	-	-	-	-	129	-	4	5	-	-	13	-	-	-	25	-	6	7	-	1	-	-	190
Rough-winged Swallow	7	1	2	-	2	7	9	37	-	2	32	-	-	-	14	6	3	-	-	3	20	-	3	-	1	149
Barn Swallow	31	22	93	29	20	13	17	483	15	48	74	28	33	45	16	150	86	28	20	400	373	19	250	27	200	2520
Cliff Swallow	3	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	9
Purple Martin	100	78	9	-	10	12	5	53	10	-	36	4	22	32	7	31	5	2	-	82	136	14	165	9	45	865
Blue Jay	82	107	84	37	50	22	24	1227	50	157	253	94	80	190	99	1002	58	207	11	211	245	6	35	11	13	4355
Common Crow	34	39	44	40	40	52	30	382	20	36	139	55	62	36	17	21	11	7	7	98	181	7	25	4	17	1404
Fish Crow	-	-	10	10	4	-	1	2	-	-	15	6	2	2	-	5	7	1	-	19	4	1	8	-	11	108
Black-cap Chickadee	23	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
Carolina Chickadee	-	-	9	14	3	3	8	156	15	33	106	18	6	39	47	33	12	2	7	50	75	4	20	-	8	668
Tufted Titmouse	9	59	23	17	10	17	22	166	10	26	128	42	15	60	78	37	11	9	2	79	123	15	40	3	2	1003
White-br. Nuthatch	7	18	2	-	3	1	-	41	-	3	16	-	1	1	2	11	1	-	-	5	1	-	-	-	1	114
Red-br. Nuthatch	2	-	-	-	1	1	-	1	-	2	-	-	-	-	-	-	-	1	-	1	1	1	-	-	1	12
Brown-head Nuthatch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	-	-	5
Brown Creeper	2	-	-	-	-	-	-	-	-	-	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	8
House Wren	13	26	37	21	3	18	6	153	4	10	117	5	3	5	2	21	1	1	-	14	11	3	18	-	5	497
Carolina Wren	1	2	11	12	2	3	14	93	6	10	95	5	3	6	36	29	3	11	2	33	26	27	14	1	-	445
Long-bill Marsh Wren	-	-	-	-	-	-	-	2	-	-	2	-	-	1	-	-	-	-	-	2	3	-	150	-	-	167
Short-b. Marsh Wren	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4
Mockingbird	-	43	50	27	10	9	6	205	25	30	93	44	21	38	2	76	45	7	8	222	158	18	35	20	14	1205
Catbird	9	18	52	13	30	21	12	196	12	12	83	22	36	31	21	30	9	2	1	45	63	1	25	2	2	748
Brown Thrasher	7	22	25	3	15	20	14	105	5	18	57	4	7	32	14	47	18	2	2	76	89	4	17	3	19	625
Robin	141	280	162	27	60	129	17	605	40	51	122	43	74	24	13	145	95	27	46	351	289	6	45	31	21	2844
Wood Thrush	31	4	6	-	5	11	3	123	4	49	62	11	19	37	105	38	30	9	3	26	141	4	15	3	13	752
Hermit Thrush	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-	-	5
Swainson's Thrush	-	-	-	-	-	-	-	12	-	-	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	18
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Veery	3	4	-	-	-	-	-	12	-	1	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	24
Eastern Bluebird	7	1	4	-	2	-	4	4	-	1	24	6	2	3	-	-	-	-	-	-	11	-	1	2	-	72
Blue-gr. Gnatcatcher	-	2	-	4	2	-	4	35	6	15	122	7	-	24	26	15	6	5	-	-	21	1	9	-	10	314
Golden-cr. Kinglet	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Ruby-crowned Kinglet	3	-	-	-	3	-	-	2	-	-	3	-	-	-	1	3	-	-	-	1	-	-	-	-	-	16
Water Pipit	-	-	-	-	2	6	28	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
Cedar Waxwing	-	-	6	3	-	-	-	49	-	14	41	-	-	-	40	-	-	-	-	-	28	6	-	-	-	187
Loggerhead Shrike	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Starling	21	213	240	100	140	167	200	1120	200	149	639	64	298	105	16	185	108	41	108	533	917	66	140	57	400	6227
White-eyed Vireo	-	-	-	-	-	-	-	34	3	19	22	4	-	18	33	14	1	-	2	3	53	1	32	4	1	244



Species	Gar	All	Was	WFr	Emm	CFr	SFr	Bal	Har	How	Mon	Ros	PrG	PRC	CAA	Gib	Ann	Cal	Cec	Ken	Car	Tal	Dor	Wic	Wor	Total
Eastern Meadowlark	33	115	52	13	30	21	90	117	24	38	113	3	14	13	3	4	5	11	5	183	42	6	35	4	1	975
Red-winged Blackbird	172	204	164	100	50	34	280	791	60	56	256	10	60	130	5	362	67	145	58	698	788	62	640	12	500	5704
Orchard Oriole	-	-	2	-	-	2	3	5	1	1	13	1	-	3	-	3	-	4	1	10	19	-	8	-	-	76
Baltimore Oriole	-	20	41	4	6	28	12	36	6	4	32	-	2	-	-	4	-	1	7	-	11	1	-	-	-	215
Rusty Blackbird	-	12	-	-	-	-	-	-	-	-	12	-	-	30	-	-	-	-	-	-	-	-	-	-	-	54
Boat-tailed Grackle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	15	-	-	-	26	-	36	78
Common Grackle	78	261	435	200	200	424	230	882	134	219	1249	75	219	192	18	275	95	28	75	1183	1499	33	700	142	750	9596
Brown-headed Cowbird	138	131	81	50	30	52	50	213	25	33	343	30	16	24	19	48	12	1	16	92	242	24	60	28	2	1760
Scarlet Tanager	1	4	2	2	3	1	-	31	-	8	11	6	2	9	35	5	2	4	-	3	24	3	4	2	2	164
Summer Tanager	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	4	-	-	8
Cardinal	16	81	61	21	15	35	18	427	48	49	29	48	40	63	101	330	66	40	11	379	369	63	85	21	21	2437
Rose-br. Grosbeak	-	1	1	-	-	-	-	3	-	-	3	1	-	1	-	-	-	-	-	-	-	1	-	-	-	11
Blue Grosbeak	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	3	9	2	-	-	-	16
Indigo Bunting	-	8	2	-	-	2	-	13	4	4	23	-	-	4	14	2	-	2	-	3	9	2	6	1	-	99
Evening Grosbeak	23	117	-	-	1	3	-	164	7	30	24	13	19	-	3	-	113	7	-	13	119	5	2	1	2	666
Purple Finch	7	-	5	-	20	2	7	67	-	20	37	2	-	-	62	-	-	-	-	5	-	1	-	-	-	235
Pine Siskin	-	1	-	-	-	-	-	26	-	18	3	-	9	22	33	8	160	-	-	-	1	-	-	-	-	281
American Goldfinch	44	194	65	50	30	64	115	660	20	116	565	110	29	114	186	130	16	27	10	372	238	30	75	52	6	3318
Rufous-sided Towhee	64	67	59	20	20	20	6	282	10	80	77	25	17	29	46	69	14	1	1	76	200	15	55	10	22	1285
Savannah Sparrow	3	-	4	3	2	-	2	10	-	-	-	-	8	4	-	29	-	-	-	7	2	-	40	-	1	115
Grasshopper Sparrow	-	-	7	-	1	1	3	7	-	9	8	6	3	-	2	-	-	2	-	-	5	-	2	-	-	56
Sharp-tailed Spar.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Seaside Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	3	-	64
Vesper Sparrow	-	-	15	7	15	5	9	-	-	-	4	-	-	-	-	-	-	-	-	-	12	-	-	-	-	67
Slate-colored Junco	3	3	2	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	5	7	-	-	-	-	-	23
Chipping Sparrow	136	70	28	13	10	8	10	167	12	18	51	17	9	17	2	40	7	15	21	107	151	10	75	34	4	1032
Field Sparrow	50	20	22	12	3	3	23	119	2	31	55	28	11	25	13	8	-	12	7	49	126	9	32	3	3	666
White-crown Sparrow	-	2	10	2	8	11	3	7	-	-	1	1	-	-	-	-	-	-	-	26	4	3	-	-	-	78
White-throated Spar	4	10	17	17	7	11	11	274	15	33	139	1	5	20	16	67	7	16	10	40	93	12	17	4	11	857
Fox Sparrow	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	3
Swamp Sparrow	1	-	2	1	-	-	-	6	-	-	6	-	2	5	1	2	3	1	-	-	-	-	15	-	5	50
Song Sparrow	34	40	50	9	10	20	27	197	20	8	129	13	23	22	4	60	27	13	75	41	42	3	23	-	44	934
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
TOTAL SPECIES	89	77	92	56	87	72	84	142	64	90	131	64	80	107	95	111	85	66	63	113	122	95	143	50	87	223
TOT. INDIVIDUALS	1688	2608	1189	1714	1066	1619	12680	1821	1079	2457	4070	925	8275	1061	742	77901										
TOTAL PARTY-HOURS	25	27	55	7	10	24	12	160	8½	28	140	11½	20	31	22	28	21½	5	5½	50	88	8	15	4½	11½	818

a suggestion of a decline in this species from 1962 to 1964, followed by only a partial recovery. The Common Grackle, in recent years the most commonly reported species on the State-wide Bird Count, is included merely for comparison. And finally, the Evening Grosbeak shows very clearly the nearly biennial pattern of its appearance in Maryland; note the trend toward higher numbers in each invasion year.

### Summary of Coverage

GARRETT COUNTY (Gar). 4 observers. 4:30 a.m. to 8 p.m. R. Glenn Austin, Billie Taylor, Dick Douglass, John Workmeister.

ALLEGANY COUNTY (All). 28 observers. 6 a.m. to 6 p.m. Mr. & Mrs. Kenneth Wolf, Dick Douglass, John Workmeister, Ken Hodgdon, Lanny Hodgdon, Robin Hodgdon, Mr. & Mrs. Joe Minke, Mr. & Mrs. Carl Ferguson, Dale Fuller, John Williams, Charlotte Folk, Billie Taylor, Paul Custer, Mr. & Mrs. Ronald Rosher, Mr. & Mrs. William Leeson, Nan Livingston, Mr. & Mrs. Arthur Morgan, Mr. & Mrs. Oscar Strieby, William Rue, Mr. & Mrs. Harold Frankhouser.

WASHINGTON COUNTY (Was). 14 observers. 6 a.m. to 8 p.m. Mrs. Alice B. Mallonee, Carl W. Carlson, Mrs. Marjorie Golze, Mr. & Mrs. Robert Eckstine, Marie Wampler, Allen Eckstine, Lois Downin, Jeffery Downin, Mrs. J. B. Hatch, Barbara Horne, Stanley R. Eckstine, Francis Cutchall, Dr. Ralph S. Stauffer.

WEST FREDERICK COUNTY (W. Fr.) 2 observers. 6 a.m. to 5 p.m. Carl W. Carlson, Mrs. Marjorie Golze.

EMMITSBURG, FREDERICK COUNTY (Emm). 5 observers. 5:45 a.m. to 8 p.m. Tom Andrews, Sam Harshberger, William Meredith, John Richards, Ruth Richards.

CENTRAL FREDERICK COUNTY (CFr). 5 observers. 6 a.m. to 3 p.m. Miss Sarah Quinn, William N. Shirey, Mrs. Mary Motherway, Mrs. Sydnae Steinhouse, William Steinhouse.

SOUTHERN FREDERICK COUNTY (SFr). 2 observers 6 a.m. to 6:30 p.m. Asenath McKnight, Edwin T. McKnight.

CARROLL COUNTY (Car). 1 observer. 10 a.m. to 12:25 p.m. 28 species. Total individuals: 120 seen on 5 acres. Zola Cantwell.

BALTIMORE CITY & COUNTY (Bal). 66 observers. 4:30 a.m. to 10 p.m. Party-miles: 294 by car, 71 on foot. Burton Alexander, Mrs. Margaret Allick, Mrs. William A. Anderson, Tommy Andres, Bruce Beehler, Hervey Brackbill, Gene Brooks, Mrs. Joseph Brumback, Charles Brumley, Marian Butler, Tommy Cantrell, Dolores Chalk, Mr. & Mrs. John W. Clancy, Mrs. J. P. Cooper, Mr. & Mrs. Sanford Corey, Bill Corliss, Compton Crook, Jane Daniels, Charles Andres, Mr. & Mrs. David Fankhauser, Dr. Elizabeth Fisher, Mrs. Carl B. Francis, Miss Alice Friedel, Janet Ganter, Shirley Geddes, Mrs. W. F. Gerringer, Mrs. H. G. Hackman, Irving Hampe, Mr. & Mrs. Robert Heyda, David Holmes (compiler), Bill Johnson, Mrs. J. T. H. Johnson, Hank Kaestner, Mrs. Robert Kaestner, Haven Kolb, Mr. & Mrs. Richard Krahe, Barbara Larrabee, Angela Lavarello, Lilly Lavarello, Philip Lavarello, Ono Lescure, Mrs. Alfred Lawson, Janet Markham, Betty Maxson, Bertie McGregor, David Mulholland, Mrs. John H. Mulholland, Charles A. Munn III, R. Taylor McLean, Ann Peters, A. MacDonough Plant, Mr. & Mrs. Poteet, Jr., Phyllis Ravesies, Mrs. Norwood Schaffer, Mrs. Thomas Shipley, Stephen W. Simon, Mr. & Mrs. Herbert P. Strack, Ray Wockenfuss, Frances Yatsevitch.

HARFORD COUNTY (Har). 5 observers. 8 a.m. to 3 p.m. Est. party.

miles: 35 by car, 3 on foot. Mrs. Victor Preston, Miss Joyce Gorsuch, Rodney B. Jones, Mrs. Walter Kohout, Mrs. Frank Maslin.

HOWARD COUNTY (How). 6 observers. 5:30 a.m. to 8:30 p.m. Party-miles: 25 by car, 20 on foot. Morris Collins, Paul Crone, Rosamond Munro, Dorothy Rauth, Eleanor Robbins, George Robbins.

MONTGOMERY COUNTY (Mon). 24 observers. 4:30 a.m. to 9 p.m. Party-miles: 105 by car, 75 on foot. Ted Banvard, Larry Banvard, Pat Bartlett, Mrs. Elinor Burke, Mr. & Mrs. Richard Carlson, Mr. & Mrs. Robert Caswell, Charles D. Cremeans, Morrill Donald, T. L. Eliot, Jr., Mrs. Peg Frankel, Lester Holtschlag, Vincent Jones, Marjorie Koester, Doug McIver, Helen Meleney, Dr. & Mrs. Harvey Mudd, Dr. J. W. Oberman, Ella Pfeiffer, Dr. Thomas Valega, Mr. & Mrs. Michael Bowen.

ROSSMOOR LEISURE WORLD, MONTGOMERY COUNTY (Ros). 14 observers. 7 a.m. to 6:30 p.m. Party-miles: 16 on foot. R. H. Rule, S. W. Rule, E. Klussman, N. Klussman, E. Gentel, T. Gentel, G. Wells, F. Rooche, A. Hoffman, B. Meeds, A. Johnson, W. Connor, K. Mitchell, A. Zempel.

PRINCE GEORGES COUNTY (PrG). 9 observers. 5 a.m. to 9 p.m. Party-miles: 40 by car, 7 on foot. A. Alexander, R. Alexander, Mrs. Baughman, Robert Elvander, Ossi Eskelinem, Dr. & Mrs. B. C. Getchell, Melvin Kleen, Dr. L. Murphy.

PATUXENT WILDLIFE RESEARCH CENTER (PRC). 5:30 a.m. to 7 p.m. Party-miles: 1 by car, 30 on foot. 4 observers. Ralph Andrews, Jerry Longcore, Elwood Martin, Duncan MacDonald.

CENTRAL ANNE ARUNDEL (CAA). 2 observers. 5:30 a.m. to 8 p.m. Party-miles: 5 by car, 19.5 on foot. Danny Bystrak, Paul Bystrak.

GIBSON ISLAND, ANNE ARUNDEL COUNTY (Gib). 20 observers. 6:30 a.m. to 6:30 p.m. Eleanor Baker, Charles Buchanan, Porge Buck, Lewis Buck, Eric Buck, Peter Buck, Amelia Cochran, Mr. & Mrs. R. E. L. Johnson, Mr. & Mrs. George Metcalf, Mr. & Mrs. Don Neilson, Henry Page, Mr. & Mrs. Robert Prinz, Dr. & Mrs. Gerhard Schmeisser, Mrs. Sarah Symington, Vicki Zouck.

ANNAPOLIS AREA, ANNE ARUNDEL COUNTY (Ann). 7 observers. 7 a.m. to 5 p.m. Party-miles: 59 by car, 10 on foot. Prof. David G. Howard, Marguerite S. Howard, Dr. H. Reissmann, Mrs. J. Stewart Wilson, Ed Wilson, Jonothan Symonds, Leif Eareckson.

CALVERT COUNTY (Cal). 1 observer. 7 a.m. to 12 noon. Party-miles: 5 on foot. John H. Fales.

CECIL COUNTY (Cec). 1 observer. 6 a.m. to 8:30 a.m., 4:30 p.m. to 7:30 p.m. Party-miles: 6 by car, 6 on foot. Edgar E. Folk III.

LOWER KENT COUNTY (Ken). 30 observers. 6:10 a.m. to 8 p.m. Party-miles: 95 by car, 35 on foot. Charles Cockey, Mr. & Mrs. A. J. Delario, Mr. & Mrs. Thomas Eliason, Mrs. M.A. Emerine, Dr. D. Z. Gibson, Mr. & Mrs. Harris McKinney, Mr. & Mrs. Edward Mendinhall, Mr. & Mrs. Durrell Noyes, Mr. & Mrs. Roy Ruhnka, Harrell Rusk, Alex Smith, James Stanford, Joseph Stavely, Mr. & Mrs. Clark Webster, Carl Westerdahl, Mrs. Stanley Wilson, Norma Lynn Fox, Susan Fox, James Newlin, Robbin Newlin, Kenneth Spencer, Mark Todd.

CAROLINE COUNTY (Car). 5 a.m. to 7:30 p.m. Party-miles: 441 by car, 37 on foot. 28 observers. Elsie Bilbrough, Irene Bilbrough, Winifred Bright, Margarete Butenschoen, Ethel Engle, A. J. Fletcher, Roberta B. Fletcher, Winfield Henning, Marvin W. Hewitt, Naomi N. Hewitt, Alicia Knotts, Stella Matthews, Essie Pepper, Lorraine Pepper, Robert Pepper,

Walter Redden, Wilbur Rittenhouse, Mark Robbins, Thomas Robbins, Carol Scudder, Joan Scudder, William Sculley, Jacqueline Smith, Mace Smith, Isabelle Todd, V. Edwin Unger, Ida Unger, Rebecca Vosshell.

TALBOT COUNTY (Tal). 3 observers. 6 a.m. to 2 p.m. Richard L. Kleen, John Valliant, Jeffrey Effinger.

DORCHESTER COUNTY (Dor). 2 observers. 3:50 a.m. to 8:50 p.m. Party miles: 226 by car, 4 on foot. Henry T. Armistead, William C. Russell.

WICOMICO COUNTY (Wic). 7 observers. 8 a.m. to 12:20 p.m. Party miles: 62 by car, 5 on foot. Samuel Cimino, Ruth Denit, Harvey Hall, Mildred Johnson, William Johnson, Gertrude Oakman, Eugene Redden.

WORCESTER COUNTY (Wor). 6:50 a.m. to 8 p.m. Party miles: 121 by car, 4 on foot. 4 observers. Peggy Bohanan, Walter Bohanan, Mary Bryan, Lyman Bryan.

7900 Brooklyn Bridge Rd., Laurel

## 1969-70 CHAPTER PRESIDENTS

<b>Allegany:</b>	Kendrick Y. Hodgdon, 945 Weires Ave., LaVale, Md. 21502	
	'Phone	PA2-8535
<b>Anne Arundel:</b>	Mrs. Edwin C. Gras, 125 Academy St. Annapolis, Md. 21401	
	'Phone	263-4708
<b>Baltimore:</b>	Mrs. Joshua W. Rowe, Box 348, Glen Arm Road, Glen Arm, Md. 21057	NO5-7207
<b>Caroline:</b>	A. J. Fletcher, Box 201, Denton, Md. 21629	479-1529
<b>Frederick:</b>	Mrs. Mary S. Motherway, R. F. D. 1, Jefferson, Md. 21755	834-5125
<b>Harford</b>	Barclay E. Tucker, Route 3, Box 308 Bal Air, Md. 21014	838-6269
<b>Kent:</b>	Mrs. Edward Mendinhall, "Damsite", R. D. 2, Chestertown, Md. 21620	778-0826
<b>Montgomery:</b>	Dr. J. Wm. Oberman, 4100 "W" Street N. W., Washington, D. C. 20007	333-6315
<b>Patuxent:</b>	Dr. Lawrence Zeleny, 4312 Van Buren Street, University Park, Hyattsville, Md. 20782	927-3971
<b>Talbot:</b>	Mrs. C. D. Delphey, Jr., Royal Oak, Md. 21662	RI5-2410
<b>Rossmoor</b>	Richard H. Rule, 3473 S. Leisure World Blvd. Silver Spring, Md. 20906	
<b>Wicomico:</b>	William L. Johnson, Deerfield Rd., Mardela Springs, Md. 21837	

## FOURTH LIST OF CONTRIBUTORS TO IRISH GROVE WILDLIFE SANCTUARY

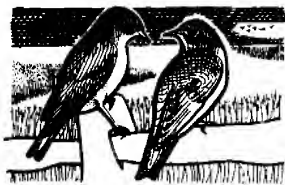
(Formerly, Somerset County Sanctuary)

March 19, 1969 - June 1, 1969

Brainard, Mr. & Mrs. Wm. E  
Frederick Chapter  
Geddes, Mrs. Raymond  
Gorman, Mr. & Mrs. K. A.  
Izaak Walton League  
Jones, Percy W.

Lansburgh, Richard  
Lockwood, Mr. & Mrs. Luke B.  
Preston, Dickson J.  
Quinn, Miss Sarah E.  
Workmeister, John F.  
York County Bird Club





## THE SEASON

JANUARY, FEBRUARY, MARCH, 1969

*Chandler S. Robbins*

Although temperatures for the first three months of 1969 were 2° to 3° below the average, this period was noteworthy for the extraordinarily light snowfall and the lack of prolonged cold weather from mid-January onward. Thus winter survival of Eastern Phoebes, Carolina Wrens and other insectivorous species was unusually high. All three months were dry, with total precipitation between one-half and three-quarters of normal; by the end of March the three western counties and the Upper Eastern Shore were classed as severe drought areas.

Sub-freezing nighttime temperatures were the rule until March 18, which was the first day of a six-day period of moderating weather with highs in the sixties and lows in the thirties and low forties. Conditions for northward migration were favorable on the nights preceding March 18, 20, 21, 26 and 27. Cold northerly winds in the closing days of the month postponed until April the arrival of several species that usually reach Maryland in the closing days of March.

First arrival dates of some of the earliest species to start their migration are summarized, by counties, in Table 1. A "W" indicates that first arrivals were obscured by the presence of wintering birds. Thanks are expressed to the following members for contributing to this table: Baltimore City and County--Mrs. Robert E. Kaestner, David Holmes, Mr. and Mrs. Robert Bowen, Mel Garland; Howard County--Mrs. Harry B. Rauth, George Robbins, Mrs. G. C. Munro; Montgomery--Robert W. Warfield, Mrs. John Frankel, Mr. and Mrs. James Cooley, Mary Porter, Robert Hooker; Prince Georges--Danny and Paul Bystrak, Mr. and Mrs. Chandler Robbins, Frank McGilvrey, Brooke Meanley, Mrs. Leonard M. Llewellyn; Anne Arundel--Prof. Harold Wierenga, Paul and Danny Bystrak, Prof. and Mrs. David Howard; Caroline--Marvin W. Hewitt, Ethel Engle, Mrs. Louis J. Knotts, Mr. and Mrs. A. J. Fletcher, F. Quidas; Talbot--Jan Reese, Don Meritt; Somerset--Mrs. Richard D. Cole, Mr. and Mrs. Gordon Hackman, V. Edwin Unger, Danny and Paul Bystrak.

Hérons. On Mar. 17, Bill Clark counted 62 Great Blue Herons flying in the vicinity of their nesting colony west of Cecilton. We urge other members to make counts of active nests or of birds present at heronries, as abandonment of a colony or a sharp decline in numbers of herons may be an indication of serious environmental pollution.

Table 1. Spring Arrival Dates, 1969

Species	Median					1969 Arrivals by Counties								
	1965	1966	1967	1968	1969	Balt	Howd	Mont	Pr.G	Anne	Caro	Talb	Som	
Whistling Swan	--	3/12	3/18	3/22	3/16	3/16	0	3/16	3/22	3/18	3/15	W	W	
Canada Goose	--	3/12	3/10	3/20	3/16	3/16	3/4	3/8	1/27	3/24	3/17	W	3/23	
Wood Duck	3/31	3/5	3/19	3/13	3/18	3/25	3/16	3/1	2/11	3/19	3/23	--	--	
Blue-winged Teal	--	--	--	--	3/22	--	4/22	3/15	3/25	3/20	3/20	--	4/26	
Osprey	4/4	3/26	3/25	3/23	3/20	0	0	4/13	--	3/20	3/16	3/13	3/23	
Killdeer	--	3/3	3/21	3/9	--	--	3/11	2/6	--	3/16	--	3/7	W	
Am. Woodcock	3/6	3/1	2/27	3/9	3/6	3/16	3/6	--	--	3/9	--	2/10	2/6	
Common Snipe	--	3/26	3/18	--	--	--	0	3/9	--	3/20	3/5	3/31	W	
Yellow-shafted Flicker	--	3/5	3/25	3/8	--	--	3/3	3/16	3/9	3/25	--	--	W	
Eastern Phoebe	3/28	3/18	3/11	3/16	3/19	4/1	3/17	3/14	--	4/3	3/21	3/28	W	
Tree Swallow	3/29	3/31	4/2	3/27	3/29	--	0	3/29	3/28	3/23	3/31	--	4/10	
Robin	3/19	2/14	2/10	3/9	3/3	2/11	2/25	3/9	3/13	W	W	3/3	W	
Eastern Bluebird	--	--	3/6	3/6	--	--	2/16	2/16	W	4/3	W	W	W	
Red-winged Blackbird	--	2/17	2/17	3/7	--	--	3/7	3/5	2/11	2/6	W	W	W	
Rusty Blackbird	--	--	--	--	--	--	--	3/22	W	3/23	3/7	W	W	
Common Grackle	2/28	2/26	2/27	3/4	3/6	W	3/6	2/16	3/6	3/8	W	1/30	W	
Brown-headed Cowbird	--	--	2/26	3/8	3/19	W	3/5	3/6	3/19	3/22	W	W	3/23	
Pine Siskin	--	--	--	--	1/26	1/29	2/8	3/4	1/6	W	1/23	1/14	W	
Rufous-sided Towhee	--	3/21	4/7	3/23	3/22	3/18	3/23	3/22	W	3/22	W	3/25	4/9	
Savannah Sparrow	--	3/21	--	3/23	3/15	--	3/3	3/17	--	3/15	--	3/7	3/23	
Vesper Sparrow	4/8	4/1	--	3/30	--	3/21	--	4/1	--	4/3	--	3/7	--	
Chipping Sparrow	--	3/30	3/31	3/29	4/4	4/22	4/4	4/7	4/10	4/3	3/15	3/16	--	
Fox Sparrow	--	2/28	3/7	3/10	3/8	2/22	3/6	3/22	3/8	3/22	3/7	W	W	

**Geese.** Snow Geese are continuing to increase as wintering birds in Bayside counties of the Eastern Shore. Observers can now count on seeing 100 or more at Blackwater Refuge through most of the winter. Robert Price estimated 50 near Easton on Jan. 16, and John Wanuga sighted about 70 in Oxford in mid-January. Don Meritt found 1 or 2 regularly in the Wye River area of Talbot County, and 4 Snows were seen with 21 Blue Geese in the Chestertown area of Kent County, Mar. 9 (Edward Mendenhall). The peak migration of the Canada Goose occurred on Mar. 16-18, judging by the high counts made at inland locations on these dates. Top tally was 1,000 over Tanyard, Caroline County, on Mar. 18 (Ethel Engle).

**Hawks.** The only Goshawk of the winter was carefully identified near Seneca on Feb. 22 by James Ruos and about 30 other observers who are familiar with this species. One of the rare inland occurrences of the Pigeon Hawk in winter within our State was recorded at the Patuxent Wildlife Research Center on Feb. 5 by Brooke Meanley. Bald Eagles were reported only from Talbot and Dorchester Counties, from Conowingo, and from Irish Grove Wildlife Sanctuary south of Marion in Somerset County.

**Rails.** Virginia Rails wintered abundantly at Irish Grove Wildlife Sanctuary. One of the few midwinter records of this species for Kent County was obtained by Edward Mendenhall on Jan. 7. In an even more unlikely location, a Piedmont bird was discovered at Viers Mill in Montgomery County on Feb. 16 (Peg Frankel). A King Rail was found dead at the Choptank marsh at Tanyard on Feb. 27 (W. Engle).

**Shorebirds, Gulls.** A Dunlin at Sandy Point State Park on Mar. 25 was unusually early for the upper Bay (Harold Wierenga). Maryland's gull rarity of the period was a Black-headed Gull at Ocean City Inlet on Feb. 23 (Dr. Edwin G. Davis and others).

Owls. Short-eared Owls were found throughout the winter between Hughes Hollow and Poolesville. A high count of 10 was made by Jim Ruos on Mar. 16.

Phoebe. Single Eastern Phoebes survived the winter at Seneca and at the Patuxent Wildlife Research Center near Laurel. The northernmost report came from Monkton, where an individual was noted on Feb. 21 by Stephen Simon.

Pipits, Warblers. The largest flocks of Water Pipits are generally found in the fertile Frederick and Hagerstown Valleys or on the Lower Eastern Shore; therefore a flock of 100 at Sandy Point State Park on Mar. 20 (Prof. Wierenga) is worthy of mention. Two Pine Warblers survived the winter at John Rope's feeder in Talbot County. Less successful was a Yellowthroat that was picked up in Irvington, Baltimore County, on Jan. 2 and died shortly thereafter (Stephen Simon).

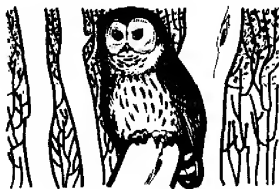
Orioles. Most of the reports of wintering Baltimore Orioles came from the Baltimore suburbs: Jan. 26 at Glendale (Gemma Rizner); throughout January at Wiltondale (Margaret Thompson), Jan. 9 at Fullerton (Ernest Nutzel), Jan. 17-18 at Glen Arm (Heydas), Jan. 6-10 near Towson (Lubberts), Mar. 6 at Larchmont (Hervey Brackbill), Mar. 31 and Apr. 1 near Towson (Stracks), and Apr. 1-2 on Wellington Road (Julie Metcalf). A female oriole carefully studied at Kingsville on Feb. 22 by Mel Garland had the white belly and unstreaked grayish back characteristic of the Bullock's Oriole--a western species that has not yet been admitted to the official Maryland list because of difficulty in distinguishing it from the Baltimore Oriole.

Northern finches. Without a doubt the most talked-of species this winter were the Evening Grosbeaks and Pine Siskins that invaded feeding stations throughout the Free State. With them came large flocks of American Goldfinches and a scattering of Purple Finches. Single Common Redpolls were seen at two locations in mid-January: one at Annapolis on the 17th (Prof. Wierenga), the other, a female, closely observed for 25 minutes at Henderson, establishing the first record for Caroline County (Marvin W. Hewitt). Four Red Crossbills seen in Silver Spring on Feb. 16-17 were the only representatives of this erratic species reported (Mrs. Lillian Cain).

Grosbeaks, Towhees, and Sparrows. Well-documented reports of four extreme rarities fall in this paragraph. First is a wintering Rose-breasted Grosbeak at Greensboro, Dec. 18 through Jan. 4 (Marvin Hewitt). Second is a female Black-headed Grosbeak studied at the feeding station of Miss Gene Evans at Accokeek, Jan. 13-18 (Miss Marcia Lakeman). Third, a Lincoln's Sparrow at Shad Landing State Park in Worcester County on Jan. 19 (Marcia Lakeman and Marcia Nelson). And fourth is the first Maryland occurrence of a Green-tailed Towhee; this bird was present throughout January at the home of Wesley Quail in the Liberty Road area of Baltimore County.

## THE PRESIDENT'S PAGE

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*V. Edwin Unger*

It pleases me to be afforded the opportunity to serve the Society for another year as its president. While the increasing size of the organization and its expanding activities result in increased responsibility for everyone, this is to be accepted as a welcome development. One may be sobered by the thought, but need not be frightened, for with increased membership comes an increasing number of knowledgeable, capable and dedicated people ready and willing to assume their share of work and responsibility. It is especially heartening to see the number of youngsters joining the ranks and displaying initiative. I have no reservations about our ability to meet the challenge of the days ahead.

A Trustee writes about MOS affairs and casually mentions the fact that his annual preoccupation with observing and recording the details of the spring migration has caused him to neglect his lawn and garden; that now June has come, he can at last direct his attention thereto. I am certain he needs no reminder that come July 15th, the reverse migration begins and that once again nothing outside his curricular affairs will seem as compelling as the checking and the note-making that attends the great, inexorable, unfathomable movement -- from nesting grounds to winter range, and vice-versa.

Time and again we observe this phenomenon with wonder and awe. We name it and predict the date with accuracy. We chart the course for each species. We give the reason and explain the factors involved. We talk of the means by which the time and the path are chosen and followed, yet in the end we resort to conjecture and hypothesis.

Elusive as the answers to our questions are, a few things are certain. It will happen again. There will be some surprises, but whether or not we individually are favored with such, the observing of this migration will be just as exciting and exhilarating as the ones before. In the hurly-burly of present-day affairs, the coming event will offer and provide welcome relief, infinite pleasure, and food and sustenance for mind and soul.

Federalsburg

## MINUTES OF ANNUAL MEETING, MAY 10, 1969

The 22nd Annual Meeting of the Maryland Ornithological Society, Inc. was called to order by the President, V. Edwin Unger, on May 10, 1969, at the Hastings-Miramar Hotel, Ocean City, Maryland, at 8:10 p.m. with approximately 150 members present.

Motion was made and seconded to dispense with the reading of the minutes which had been published in the June 1968 issue of MARYLAND BIRDLIFE.

Mr. Henning presented and read the Treasurer's report. The report together with the auditors' report will appear in MARYLAND BIRDLIFE.

Mr. Unger discussed the Budget, which would be presented to the Trustees.

Chapter reports will appear in BIRDLIFE

Mr. Unger presented some comparative figures on state membership over the past few years:

1959 - 623	1964 - 828	1967 - 1100
1961 - 628	1965 - 965	1968 - 1248
1963 - 762	1966 - 1051	1969 - 1537

(Registration at the Convention was 313 persons)

Committee Reports: Conservation:

John Healy's report recounted our organization's participation in conservation activities during this past year. Foremost was the purchase of the Somerset sanctuary.

Also reported was the creation of the Maryland Conservation Council, Inc., an organization of conservation-minded groups and individuals whose purpose is to keep organizations and individuals informed and alerted to conservation legislation and help co-ordinate conservation related action and activities.

Mrs. Rowe called attention to the fact that the state M.O.S. and Baltimore Chapter became regular members of the Council. Their respective Conservation Chairmen, John Healy and Elizabeth Hartline were elected as Directors and also as Vice-President and Secretary, respectively. Other chapters and individuals were encouraged to join.

Mrs. Robbins drew attention to several items of national legislation taking place, encouraging members to react actively to the legislators concerned.

Sanctuary : Mrs. Richard Cole presented the Sanctuary report in the absence of Mr. Hackman. This report will be published in BIRDLIFE.

Publications: Mr. Robbins extended thanks to the membership for their support of MARYLAND BIRDLIFE, and urged them to continue to submit articles and cover photos.

He gave especial thanks to Miss Mildred Cole for her exceptional job as chief typist. He also expressed thanks to Mrs. Richard Cole and to Mr. & Mrs. Strack on the production and mailing committees.

Announcement was made of two scholarships awarded again this year. The Helen Miller Scholarship was awarded to Miss Ann Louise Hager, Allegany Chapter. The Katharyn Brown Lakeman Scholarship was awarded to Mr. Charles Brumley, Baltimore Chapter. Both will attend the Maine Audubon Camp.

Richard Stambaugh, one of last year's recipients, expressed his thanks for the opportunity to attend last year and to participate in the program.

Mr. Unger announced that the Baltimore Chapter has just contributed \$300.00 to the Helen Miller Endowment Fund and \$1200.00 to the Sanctuary Fund from profits derived from the Audubon Wildlife Screen Tours.

#### Nominating Committee:

Mrs. Edwin Gras, Chairman of the Nominating Committee presented the following slate of officers:

President	Mr. V. Edwin Unger
First Vice-President	Dr. Edgar E. Folk, III
Second Vice-Pres.	Mr. Chandler S. Robbins
Treasurer	Mr. Winfield Henning
Secretary	Mrs. Edwin C. Gras

Motion was made that the nominations be closed. It was seconded and approved and the Secretary was instructed to cast the ballot.

The following nominations for Trustees as presented by the several Chapters were offered:

Allegany	Dr. Kendrick Hodgdon	Mrs. Kendrick Hodgdon
Anne Arundel	Mrs. Edwin C. Gras	Mrs. William C. Paradee
Baltimore	Mrs. Joshua W. Rowe	Mrs. Raymond Geddes, Jr.
		Mr. Rodney B. Jones
		Mrs. Robert E. Kaestner
		Mrs. Martin G. Larrabee
		Mr. A. MacDonough Plant
		Mr. Chandler S. Robbins
		Mrs. Edward A. Metcalf
Caroline	Mr. A. J. Fletcher	Mrs. Percy Scudder
Frederick	Mrs. Mary S. Motherway	Dr. Howard Hodge
Harford	Mr. Barclay E. Tucker	Mr. Frank Buckley
Kent	Mrs. Edward Mendinghall	Mrs. Anthony Delario
		Mrs. Thomas S. Carswell
Montgomery	Dr. J. Wm. Oberman	Mr. Carl Carlson
		Mr. Edward Goodstein
Patuxent	Dr. Lawrence Zeleny	Mr. Elwood Fisher
Rossmoor	Mr. P. Richard Rule	Miss Agnes T. Hoffman
Talbot	Mrs. Charles Delphey, Jr.	Mr. Joseph Robinson
		Mrs. Joseph Robinson
Wicomico	Mr. William L. Johnson	Mr. Charles Baker



Motion was made, seconded and approved to accept the nominations, and to declare the above named nominees elected.

After due consideration, Mrs. Mendinhall made a motion, later seconded and approved, that the new sanctuary retain it's local name and be called officially, "The Irish Grove Wildlife Sanctuary".

Mr. Dickson Preston proposed the following resolution, which was duly and enthusiastically approved: "Be it resolved, that because his prompt and vigorous leadership played such a decisive role in acquiring the Irish Grove Wildlife Sanctuary, and for his rallying of widespread support to pay for it; this convention formally and officially says to President Unger: "Thanks, Ed, for a job well done!"

Mrs. Schaffer announced the dedication ceremonies of Soldier's Delight Wildlife Area acquired through the work of the Citizen's Committee.

Mrs. Mendinhall announced the Bird Carving Exhibit to be held at the Fine Arts Center, Washington College, in Chestertown from Nov. 19-23. Also, she extended a cordial invitation to all, to attend the Annual Membership Picnic at "Damsite", near Chestertown, on Saturday, July 12.

Mr. Kevin Mullen presented the following resolution:

1. Whereas, DDT is a persistent pesticide not readily degradable by natural processes and;
  2. Whereas DDT has entered into every food web on earth and;
  3. Whereas there is increasing evidence that DDT is a major factor in the decline of several species of birds, and possibly other organisms and;
  4. Whereas the decline of these species may be an indicator of damage to the natural environment and;
  5. Whereas damage to the environment is ultimately to man's disadvantage and possibly a threat to man himself and;
  6. Whereas increasing amounts of DDT are needed to control target populations and;
  7. Whereas improved bio-control methods are increasingly available and species specific and shortlived insecticides are available;
- Be it resolved: that the Maryland Ornithological Society urge the proper parties to increase efforts toward further development of bio-control methods and species-specific bio-degradable insecticides and demand the immediate cessation of the use of DDT and other broad-spectrum persistent insecticides.

Dr. Messersmith suggested, and it was reaffirmed by several others, that the Executive Council decide who the "proper parties" are, to whom the resolution will be sent, and the correct action to be taken.

Dr. Zeleny noted that the resolution might be strengthened if principle insecticides were named.

The resolution carried as presented.

Mr. Carlson moved that MOS present a resolution to the Governor, stating that in it's opinion the pesticide bill just passed by the Maryland Legislature is not in the best interest of Maryland or the public, urging him to reconsider his announced opinion. The resolution should state that our organization is not opposed to the purpose of the bill, but is opposed to the agency named to carry it out.

After some lively discussion, Dr. Haines moved and it was seconded and approved, that the problem be turned over to the Trustees.

Mr. Unger asked for an expression from the membership to the Trustees regarding a proposal to transfer \$1000.00 from the Operating Fund to the Sanctuary Fund. An expression of approval was given.

The meeting was adjourned at 9:30 p.m.

Respectfully submitted,

Alta Gras, Secretary

### COMMITTEES FOR 1969-70

Auditing	John Wanuga (Chairman), Miss Edith Adkins, Ronald Nevius
Budget	Edwin T. McKnight (Chairman), Morris Collins, Dr. Vincent Jones, Charles N. Mason, Winfield Henning (Treasurer).
By-Laws	Rodney Jones (Chairman), A. McDonough Plant, Barclay Tucker
Conservation	John F. Healy
Nominating	Mrs. Raymond Geddes, Jr. (Chairman), Dr. Harvey Hall, Dickson Preston, Dr. J. William Oberman, Mrs. Gordon Taylor
Publications	Chandler S. Robbins (Editor)
Sanctuary	Gordon Hackman (Chairman), Mrs. Richard D. Cole (Vice-Chairman), Charles Baker, Richard Carlson, Mrs. Morrill Donald, Dr. Edgar E. Folk III, Dr. Harvey Hall, Edward Mendinhall, Mrs. Gordon Taylor, John Tomlinson, Mrs. Gardner Tillinghast

## ANNUAL REPORTS OF LOCAL CHAPTERS

## ALLEGANY COUNTY CHAPTER

Our club has been very active again this year. We had two covered dish dinners and two work days at Carey Run Sanctuary and three bird walks in addition to the Christmas Bird Count and the Statewide Bird Count. At our monthly meetings we enjoyed the following films: "Patterns of the Wild", "Caribou Caravan", "Africa's Vanishing Wildlife", and "Wild Rivers." We also had a talk on "Alaskan Wildlife" by Chan Robbins and "Adventure in Penn's Woods" by Tom Diez. We sponsored the Junior Nature Camp again this year, June 13 - 17.

Kendrick Y. Hodgdon, President

## ANNE ARUNDEL CHAPTER

The Anne Arundel Chapter has had a full year - with 11 field trips, and 7 lecture meetings, including two paid lectures ( one to raise money for the Chapter Sanctuary Fund, and the other to help cover expenses.)

The lectures included: "Whistling Swans" by Mrs. Walter Ennis, author and world traveler; "Endangered Wildlife Species" by James Stevens and Bruce Williams, of that department at the Patuxent Wildlife Research Center; Learning about our Maryland Game Wardens with A. A. County's W. E. Willing; studying the Chesapeake and the Effects of Developments with Mr. Jess Malcolm, Director of the Chesapeake Bay Foundation; Dr. Francis Williamson interpreted the projects - present and future - at the Smithsonian Institution's Chesapeake Bay Center for Field Biology at Java Farm and Ivy Neck. Our annual Wildlife Film Lecture featured Merrill S. Cottrell, with "Observing Nature and Wildlife Around the Clock." Another program highlight was the Donald Sutherlands' presentation of "Where Land Meets the Sea."

Field trips covered a wide range and included: Kent Island banding station; Queen Anne's Bridge area; Chesapeake Bay Center for Field Biology and Java Farm; Patuxent Wildlife Research Center; Hillsmere Shores and Thomas Point; Remington Farms Wildlife Refuge; Corcoran Woods; Soldier's Delight Wildlife Area; Cedarville State Park; Fiddler's Creek Farm (which is coming); and a joint trip to Blackwater National Wildlife Refuge with the Montgomery Chapter in November.

In the past year our membership has grown to 95, and we feel the need of a junior program, but the leadership has not yet been forthcoming.

We are fortunate that Mrs. Julia Wilson, our current secretary, has continued to have articles published in the "Chesapeake Scene" weekly supplement to the Evening Capital, under the column head "For the Birds," with her own by-line.

Helen Giblo, Outdoors Editor for the Evening Capital continues to give us excellent publicity.

Members of the Chapter participated in both the Christmas and May Bird Counts.

Alta Gras, President

#### BALTIMORE CHAPTER

Though Baltimore Chapter's year followed the general pattern of previous years, it also witnessed some changes and a stronger emphasis on conservation and conservation education.

To help provide our membership and the public with a fuller understanding of the natural world, our relationship to it, and our dependence on it, the Chapter undertook a series of four National Audubon Wildlife Film Lectures.

The results were rewarding. As well as expanding our own horizons, we reached persons who: were unaware of MOS's existence or were looking for the local "Audubon Society;" were attracted by the travel aspect and found a new door opened to them; had supposed "Ornithological" precluded broader interests; were seeking wholesome, worthwhile family - entertainment. Our membership grew proportionately. Financially successful, the lectures provided more substantial support to the Sanctuary Fund and Helen Miller Scholarship Fund. We are deeply indebted to the Richard Krahes, Chairmen, and to Jim Emerson, Publicity Chairman. Next year our educational outreach will include providing four Audubon matinees for the vocational school students whose auditorium we use.

In the field of conservation, increased interest and motivation on the part of more members have been stimulated by Mrs. Elizabeth Hartline, Conservation Chairman, and John Healy, State Chairman, who have kept us abreast of current problems and have represented the MOS viewpoint at hearings. They are officers of the newly formed Maryland Conservation Council, which Baltimore Chapter and the Society have joined as member organizations. The Chapter also became affiliated with the National Audubon Society, realizing that the interchange of information and ideas between organizations with similar interests is highly beneficial.

Always attractive to our members and a sure attraction to prospective ones is our Annual Program: 37 field trips, 6 classes, 3 dinner meetings, 2 bird counts. Our retiring co-chairmen, Mrs. Barbara Larrabee and Mrs. Edith Conley meticulously planned every detail, and deserve unlimited praise for their three years of superior service.

The Junior Activities Committee, chaired by Mrs. Martha Schaffer and Mrs. Charlotte Lawson, conducted its four-part program with continuing success. Many members gave much time to the 1) alternate Saturday walks and talks attended by about 1800 children; 2) school classes, conducting 134 classes (nearly 5000 children) through Cylburn nature trails and the MOS Museum; 3) Junior Nature Club (56 members), which recently created a tidal marsh habitat like that of the new MOS sanctuary; 4) Junior Nature Camp weekend for 50 children, directed by Mrs. Dorothy Clark.

For years this committee has been developing and conducting what is, perhaps, Baltimore Chapter's most meaningful contribution to conservation -- for the future regard for our natural environment depends so much upon the education of today's youth. With great reluctance we are losing to Charlottesville, Virginia, a strong supporter of this concept, one who has given her utmost in time and talent to this work: Mrs. Charlotte Lawson. We are grateful beyond words for her ten years of devotion to the Junior program.

The mounted bird collections, Museum and loan, have been enlarged, and the latter loaned 31 times. A series of 4 Nature Classes for beginners (parents, grandparents, etc.) was repeated this year.

The Cylburn Committee, under Miss Etta Wedge, provided hostesses in the MOS Museum during 15 Open Houses and maintained the trail feeders. In September we participated in the first Cylburn Market Day. Our booth, headed by Mrs. Jessie Kratzer, enjoyed successful sales to support MOS activities at Cylburn.

Extension Services, chaired by Miss Grace Naumann, filled 24 requests for speakers to outside groups. As Equipment Chairman she has been expanding our slide collection with slides contributed by members.

The Bird Exchange, which provides "Bird Notes" in our monthly Newsletter and files quarterly reports with Chan Robbins, enjoyed a year of spirited reports by members and informative comments by its chairman, Mrs. Alice Kaestner.

The MOS Bookstore, under the expert management of Mrs. Phyllis Ravesies and Mrs. Vivian Shepard, has been well patronized. The MOS Sanctuary Fund traditionally benefits from the proceeds.

These were the highlights; but without the many workers, seen and unseen, "our year" could not have happened. Deserving special appreciation, for she is retiring after five years as productionist of the Newsletter, is Mrs. Julie Metcalf. Well-organized, she never failed in her task of "getting the news to us" each month, on time.

Our membership, as of May 8, is 602, 102 of whom are Juniors. Many factors contributed to the increase in our ranks, not the least of which was the person-to-person influence of our Membership Chairmen, the Gordon McGregors. We cordially invite all MOS members and their friends to attend our activities and to visit the MOS Museum whenever they are in Baltimore.

Mrs. Nancy D. Rowe, President

## CAROLINE COUNTY CHAPTER

The Caroline County Bird Club, with a current membership of 27, held regular monthly meetings except in December and May when the club participated in State-wide census studies. We had 28 observers for the May Count.

The September, January, and April meetings were held in the homes of members. Two meetings were held in schools; the October meeting was held jointly with the Talbot County Bird Club at Easton, and one meeting was held in the educational center of the Choptank Electric Cooperative. The June picnic will be held at Mill Creek Sanctuary at Wye Mills.

Meeting subjects were: "Wildflowers observed while Birding" by Marvin W. Hewitt; "Marshland is not Wasteland" by V. Edwin Unger; "Birds of Prey", a film by David Smith of Maryland Department of Game and Inland Fish; December 14 and 21, 1968, Preliminary Count and Annual Christmas Count; "Rock Hunting in Caroline County" by Howard Engle; "Valley of the Swans," a Canadian Travel Film; "Forestry Programs in Caroline County" by Jan Dunbar, District Forester; and "Bird Puzzlers" by A. J. Fletcher, and Woodcock Observation at the Scudders.

A. J. Fletcher, President

## FREDERICK CHAPTER

The Frederick Chapter celebrated its 20th anniversary this year. Oldtimers and newcomers continue to do good work in the Chapter. Our progress has been slow but steady and our membership of 59, including two juniors, is at an all-time high. We are confident that we will continue to grow.

The weather this year treated is kindly. Meetings were held as scheduled each month, September through May, with some of the finest speakers we have ever had. Attendance was outstanding in some cases. Field trips twice a month, from April to June and September to November, were rewarding. It was interesting to note how much the members are learning about sighting and identifying the birds, as well as reporting those seen at their feeders.

In the first half of the year our speakers were: Albert Powell, showing his personal slides of "Wildflowers"; Dr. & Mrs. Elmer G. Worthley, with an illustrated talk about "Birds and Plants"; Mrs. Joshua Rowe, telling about her experience at the Maine Audubon Camp; Chan Robbins, showing slides and talking about "Alaska Wildlife" at our annual dinner meeting with a large attendance; and Edward Kerns, presenting an illustrated lecture on "The Geology and Minerals of Frederick County." an outstanding lecture.

Speakers for the second half included: Robert Hoffman, showing his beautiful slides of wildflowers, insects, plants and mushrooms, which



he titled, "A Close-up of Nature"; Ray Toms, Maryland Wildlife Officer, who talked of Management Practices and Law Enforcement and showed two films, "Birds of Prey of the Northeastern United States," and "The Feathered Link"; Steven Lewis, Instructor at the Stephen T. Mather Interpretive Training and Research Center, Harpers Ferry, who presented the film, "Mark Catesby - The Colonial Naturalist." At the May meeting we were honored to have our State President, Mr. Edwin Unger, talk about Conservation and the Sanctuaries. We recommend all of these programs highly.

A new project for the Chapter was the presentation of a year's subscription to "Ranger Rick" to one of the elementary schools of Frederick County. This is a magazine for young people published by the National Wildlife Federation.

The few faithful and dedicated members who make the official December and May counts should be commended. A summary of the Christmas count is made at the home of Dr. and Mrs. John Richards, Emmitsburg, who graciously serve a buffet dinner to the weary birders at the end of the day. Also, our thanks to Bill Shirey for making about a dozen more bluebird houses which we hope will lure these birds into the area.

Success of the Chapter has been due to the splendid cooperation of the officers and members, the newspapers and radio stations, and the Baltimore Chapter for sharing their Newsletters, from which we get many ideas. My sincere thanks to one and all.

Mary S. Motherway, President

#### HARFORD CHAPTER

Our 1968-69 year has again been one of activity. We continued our regular program of bimonthly meetings, the first a picnic supper and planning session at Rock Run Sanctuary in September. The other four were supper meetings at the Churchville Presbyterian Church. Programs included a review of State conservation plans by Mr. John Healy, our State Conservation Chairman; an exciting travelogue and wildlife film of his recent trip to Africa by Mr. David Smith of our Harford Club; a slide and lecture presentation of the Birds of Cape Henlopen by Mr. Winston Wayne of the Delmarva Ornithological Society; and a slide and review session on some forty of Maryland's common poisonous plants and shrubs by myself.

More than a quarter of our members took part in the Statewide Christmas Bird Count, and we felt we very effectively covered the Rock Run counting areas in Harford and Cecil Counties this year.

Our Club provided feed for the Rock Run Sanctuary throughout the winter and members took turns filling the feeders on a programmed weekly basis throughout the winter. The feeders were never empty.

Thanks to a group of teachers from our chapter, both active and retired, under chairmanship of Mrs. Grace Wright, a former Chapter

president, we have begun a junior nature program at Rock Run this spring. Two groups of 4-H and school children have participated so far. Mr. Doug Hackman has served as our instructor and demonstrator, We hope to expand and continue this program in the future.

Edgar E. Folk III, President

#### KENT COUNTY CHAPTER

During the past year our Chapter has continued to have interesting activities that have been fruitful in gaining knowledge about bird life.

At one of our regular monthly meetings we had the pleasure of seeing a U. S. Wildlife Service film entitled "Marshland is not Wasteland." It was a very informative film showing clearly the value of the marshlands to the needs of mankind and wildlife.

Our group has been most enthusiastic on the acquisition of the Sanctuary in Somerset County by the State M. O. S. A substantial contribution was made from our sanctuary fund toward the purchase of this property.

Our outstanding accomplishment this year has been the presentation of another series of Audubon films and lectures. There was an average attendance of over five hundred at these performances and plans are made to continue the series for next year.

There was good attendance at the Bird Count held on December 28. The final tally showed that a total of 109 species and a count of 174,328 were observed during the day. That evening a covered dish supper was held at the home of Dr. & Mrs. Gibson, much to the pleasure of everyone present.

Our committee for the next Bi-Annual Bird Carving Exhibit has been active through the year. Plans are being made to hold the exhibit during the week of November 17-23 and judging by the response of a number of the most prominent carvers, we hope this will be another success for the benefit of the Sanctuary Fund.

On May 3 a number of the regular members and junior members took part in the Spring Count. The total for the day included 120 species and 11,200 birds counted. We met later at the home of Mr. & Mrs. Edward Mendinhall for a delightful picnic supper.

I wish to thank the members of the State organization and our local Chapter who have supported our program during the past year, and extend best wishes to the Chapter for a most successful year ahead.

W. H. Rusk, President

## MONTGOMERY COUNTY CHAPTER

This was a very active year for our Chapter. This has been made possible by our growing membership (137 total; a gain of 18 over the past year) and the demonstrated willingness of members to become involved in Chapter activities.

Highlights of our monthly meetings included presentations by Representative Gilbert Gude on "How to Attract Birds to your Home", Chan Robbins on "Sonograms", Dr. Ray Erickson on "Rare and Endangered Species" and Bill Clark on "Banding Birds of Prey." Our annual banquet in January was attended by well over half the membership and featured slide presentations and art displays by members.

We continue to have a large number of well-attended field trips -- 19 from September to May. This year included trips to Cape May, Nags Head, Chincoteague and a boat trip off Ocean City. Members participated significantly in the two yearly censuses - the Christmas Count (24 individuals in 13 parties) and the May Count (24 individuals in 11 parties).

The Chapter has taken an enthusiastic interest in the new Somerset County sanctuary. During the year, members contributed \$1,000. to the Sanctuary Fund in the name of the Chapter, above and beyond a large number of direct individual member contributions. A significant portion of this sum was derived from sales of peanut butter bird feeders constructed by two of our members.

In April the Chapter contributed \$50.00 to the Voice of the Naturalist, a telephone service providing information on bird sightings in the D.C. Area and operated by the ANS. Our Vice-President, Kevin Mullen, was instrumental in initiating this service and plans a major role in its day-to-day operation.

This year the Chapter took an increased interest in conservation matters. Chapter members met with representatives from the Maryland National Capital Park & Planning Commission and Hood College relative to the establishment of a wildlife sanctuary in Montgomery County. The Chapter also was consulted by the Maryland Department of Game & Inland Fisheries on the interim development of a strip of parkland for varied recreational use. During the year a Resource Committee was established of members willing to be active in presenting our points of view relative to conservation to various groups and legislative committees. This will be superseded in the coming year by a Conservation Committee.

J. William Oberman, M. D., President

## PATUXENT CHAPTER

The Patuxent Chapter enjoyed an excellent year. Our fine Program Committee supplied us with a varied assortment of interesting speakers who illustrated their talks with color slides and/or movies. Again the Committee was fortunate to be able to draw on the Patuxent Wildlife Research Center for several of the speakers. The speaker for our April meeting was a prominent ornithologist from Denmark who was visiting the Migratory Bird Populations Station.

The Chapter had eight regular meetings plus a picnic planned for June to wind up the season. There were four scheduled bird walks including a winter tour of local feeding stations which was featured by the large numbers of Evening Grosbeaks and Pine Siskins seen. Since many of our members take part in the Christmas and State-wide bird counts, no other walks were scheduled for December or May.

The speakers and their subjects for our eight meetings were as follows: Mrs. W. T. Van Velzen, "Exploring Washington State"; Mr. James Glahn, "Studies on Rails in Colorado"; Mr. Chandler S. Robbins, "Alaska Wildlife"; Mr. William C. Kantz, "Osprey Decline"; Dr. Lawrence Zeleny, "Birds of Tobago and Other Caribbean Islands"; Mr. Bruce Bowman, "Hell's Canyon on the Snake River"; Dr. Anders Joensen, "Danish Birds"; and a color movie on Birds of Prey of Northeastern United States by David Smith of the Maryland Department of Game and Inland Fish.

In addition to our speakers a regular and interesting feature of our meetings has been the discussion by the members of interesting or unusual birds seen by them during the month.

Mrs. Robbins continues to give the Chapter much needed and valuable publicity in her weekly column in the Laurel News Leader. She is also doing a wonderful job as our Conservation Committee.

Lawrence Zeleny, President

## ROSSMOOR CHAPTER

The Rossmoor Chapter has had 11 meetings (the third Thursday of each month) during the last 12 months. We do not meet in December.

At each monthly meeting a guest speaker has presented an appropriate program. These programs have consisted of motion pictures, slides, presentations of live birds by a bird bander, and talks on ornithological subjects. Some of the speakers have been -- Don and Millie Sutherland, Elizabeth Peacock, Donald Messersmith, Helen Goldstick, James Eike, Ed Unger, Ernest Klussman and Chandler Robbins.

The chapter conducts bird walks on the Saturday following each monthly meeting, in the Rossmoor area except in the winter months.

The chapter has had two specific programs during the year: the erection of 12 bluebird houses throughout our area; and the annual May bird count.

The bluebird project started in 1968 with the placing of 12 boxes and resulted in one box being used by a family of bluebirds. This spring (1969) two boxes were occupied by bluebirds with five eggs in each box, one box was occupied by a Carolina Chickadee, number of eggs unknown, and a fourth was occupied by a House Sparrow and the lady members of the chapter refused to permit the sparrow family to be ejected.

The bird count (May 3) covered the Rossmore area and the chapter provided two parties for the entire day totalling 14 members. The count was not too impressive as it totalled only 64 species and something over a thousand individuals.

Richard H. Rule, President

#### TALBOT COUNTY BIRD CLUB

The Talbot County Bird Club had what can best be described as an up-and-down season during 1968-69

We were UP both in membership and in financial condition, especially the latter.

But we were DOWN in attendance at meetings and in membership interest in club activities such as breakfast walks, trips, etc.

Hopefully, this can be remedied by our new leadership and by a more varied program, both at our monthly meetings and in outdoor activities.

On the positive side, Talbot County:

---Sponsored, for the 11th time, a full season of five Audubon Wildlife Films. Under the co-chairmanship of Mrs. Lee J. Smith, Jr. and Mrs. Robert Price, this was an outstanding success, netting a substantial sum for our sanctuary fund.

---Sold more than 300 copies of "Field List of the Birds of Maryland," also adding substantially to our treasury. Thanks for this are due to Ron Nevius, who handled the booklets without charge at his Easton hardware store.

---Held seven monthly meetings featuring local or out-of-town speakers, recruited by Program Chairman Jan Reese.

---Conducted 11 breakfast hikes and a winter trip to Ocean City.

---Recorded 103 species in the Christmas Count, by no means a Talbot County record but not bad either.

Dickson J. Preston, President

Wicomico Bird Club

The Wicomico Bird Club was a co-sponsor of the Atlantic Flyway Wood Carving Exhibition held in the Salisbury Civic Center last October 18, 19, and 20th. The club participated in handling of advance ticket sales to this event. We expect to again participate in the event scheduled for October 1969. The show of 1968 was the first such event for the Salisbury area. It is expected the show will establish itself as an annual event based on the success of the first venture. Members of other clubs desiring tickets or information may write W. L. Johnson, Deerfield, Mardela Springs, Md. 21837.

Our Miss Lydia Beiler organized a Junior Audubon Club last fall with 18 members at the start. Currently membership is 25, approximately two-thirds of the members are boys. At least two of the planned summer outings will be guided by experienced adult birders other than Miss Beiler. Blackwater and the Somerset Sanctuary are included in additional planned trips for the spring and summer. Miss Beiler hopes that after this year that she will be able to organize at least one trip for the Juniors to the MOS Convention. We participated in the Christmas bird count and the May count under the direction of Dr. Hall.

Many members of the club have donated their time and effort to the Somerset Sanctuary in helping with the grass cutting, cleaning the house and out buildings, etc. We donated a Martin house to the sanctuary and Mr. Baker erected it. Mr. Baker also put up some of the bluebird houses, as did the Junior Audubon Club.

The local Salisbury TV station has indicated they will help us with efforts to educate people to the importance of protecting and conserving our bird population by showing pictures of birds with an appropriate by-line. These will be spot flashes of a few seconds as a public service feature. We are arranging to supply the station with color slides for a trial run.

W. L. Johnson, President

REPORT OF THE AUDITING COMMITTEE

We, the undersigned, have examined the books and accounts of The Maryland Ornithological Society, Inc., and find them in order and in balance.

Statements furnished by The Maryland National Bank and by The West Baltimore Building Ass'n verify the correctness of account balances as shown on the Society's books. Likewise, the unpaid balance of the mortgage on the Irish Grove Sanctuary has been verified.

/S/ John Wanuga, Chmn.  
Edith D. Adkins  
Ronald A. Nevius



## 1968-69 SANCTUARY REPORT

Our three original wildlife sanctuaries are reported to be in a good state of repair; no extensive maintenance is anticipated in the coming year. Each reported having had an interesting and active year.

At Rock Run, members of the Harford Chapter made weekly visits during the winter to check and refill the feeders. For the first time, they organized and conducted the Christmas Count entirely on their own. Visits were made to Rock Run by junior and senior groups for nature walks and banding demonstrations. Spring trail cleaning is in progress.

At Mill Creek, the Talbot Chapter had many early morning walks, breakfasting outdoors. Work parties have been busy clearing and keeping the trails clean. Word has gotten around that this is an area that birds can, and really do, enjoy.

Carey Run had its usual busy year, with visitors including elementary school groups, garden clubs, Boy Scouts, and M.O.S. members from various areas. A one-week nature camp was held during July, with ten girls attending. The girls completed trail number 4. All who have visited since the installation of the shower (by the Bauers) have greatly appreciated this item. Bluebirds nested in nesting boxes and in the top apartment of the purple martin house.

Our latest acquisition, Irish Grove Sanctuary, has hardly been ours long enough to have had many planned programs other than work parties. Much work has been done by various members in painting, making minor repairs, and general cleaning of the house, surrounding grounds, and various buildings. A group of boys from the junior membership of the Wicomico Chapter made a bluebird trail and erected four bluebird nesting boxes. The sale of some old farm equipment and donations made by visitors netted enough to pay a portion of the utilities and purchase a much needed lawn mower.

The Sanctuary Committee succeeded in getting, from an anonymous donor, one hundred heavy gauge steel signs, in colors black and yellow, to post on roads adjacent to our sanctuaries. Some of these signs have been installed at Rock Run and Irish Grove. All sanctuaries will be provided with these signs as soon as possible.

H. Gordon Hackman  
Chairman, Sanctuary Committee

# ANNUAL REPORT OF THE TREASURER

MARYLAND ORNITHOLOGICAL SOCIETY, INC.

Fiscal Year Ending April 20, 1969

## OPERATING FUND

Fund Balance April 20, 1968		\$3,149.94
Receipts:		
Dues	\$2,547.50	
Convention Surplus	405.00	
Sale of Field Lists	658.05	
Lakeman Donation	135.00	
Other Income	<u>20.00</u>	<u>3,765.55</u>
		6,915.49
Expenditures:		
MARYLAND BIRDLIFE	\$1,035.00	
Postal Permit	30.00	
Advance on '69 Convention	100.00	
Audubon Affiliation	25.00	
Office Supplies, Telephone, Postage	456.49	
Field Lists	942.00	
Scholarships	270.00	
M.O.S. Brochure	<u>1,607.00*</u>	<u>4,465.49</u>
Fund Balance April 20, 1969		\$2,450.00

## HELEN MILLER ENDOWMENT FUND

Fund Balance April 20, 1968		\$779.49
Receipts:		
Donations	\$300.00	
Interest	<u>38.93</u>	<u>338.93</u>
Fund Balance April 20, 1969		\$1,118.42

\* This expenditure was covered in a supplementary budget apart from the regular operating budget for the fiscal year.

## SANCTUARY FUND

Fund Balance April 20, 1968		\$24,342.83
Receipts:		
Donations	\$29,451.47	
Capital Gains	8,757.01	
Dividends & Interest	264.04	
Life Memberships	<u>150.00</u>	<u>38,622.52</u>
		62,965.35
Expenditures:		
Printing, Sanctuary Brochure	\$ 433.58	
Printing, Fund-raising Material	129.00	
Insurance	133.00	
Taxes	7.28	
Rent, Rock Run Sanctuary	120.00	
Repairs, Rock Run Sanctuary	40.74	
Repairs, Somerset Sanctuary	95.60	
Miscellaneous Exp., Somerset	122.24	
Interest on Mortgage	669.17	
Purchase of Somerset Sanctuary	41,293.74	
Paid on Mortgage, Somerset Sanct.	<u>21,000.00</u>	<u>64,044.35</u>
Excess Expenditures		\$1,079.00*
* This amount borrowed from Operating Fund		

## Reconciliation of Accounts &amp; Assets on Hand

Fund Balances:		
Operating Fund	\$2,450.00	
Helen Miller Endowment Fund	1,118.42	
Sanctuary Fund	<u>(1,079.00)</u>	\$2,489.72
Fund Assets:		
Checking Account	\$1,471.00	
Building & Loan Account	<u>1,018.42</u>	\$2,489.72

## Other Assets of The Society

Carey Run Sanctuary		\$ 4,556.62
Mill Creek Sanctuary		\$14,446.86
Somerset Sanctuary	\$81,293.74	
Less amount due on mortgage	<u>19,000.00</u>	\$62,293.74

Sanctuaries are carried at cost plus subsequent improvements.

/S/ Winfield Henning, Treasurer

## TO ALL M.O.S. PHOTOGRAPHERS

Some of you undoubtedly will be visiting the new Irish Grove Sanctuary this summer, fall or winter to photograph the bird, animal and plant life of this unique area. If you do, M.O.S. invites you to share your results with us--in the interest of conservation.

We would like to assemble a collection of pictures, both color slides and black-and-white, showing the natural beauty and especially the wildlife at Irish Grove.

Such a collection would be valuable in many ways. It would serve to document the superb asset we possess in Irish Grove, and to stimulate outsiders to help us in our sanctuary program. The color slides could be used to illustrate a talk on Irish Grove at chapter meetings or before other conservation groups. And with a good selection of photographs, we might hope to place an article on our sanctuary program in a regional or national magazine.

As a starter, we hope to put together sufficient color slides to present a show on "Wildlife at Irish Grove" at the 1970 M.O.S. convention. We hope also to have some good blow-up prints, in color and/or black and white, to offer for sale at the bookshop, with proceeds to go to the sanctuary fund. Contributing photographers will receive full credit, of course.

Dickson J. Preston of Talbot County, who showed color slides at the recent convention, has agreed to act as receiver in the collection's formative stages. He suggests a few simple rules:

1. Submit only pictures taken within the boundaries of Irish Grove.
2. Remember that the emphasis should be on wildlife--bird, animal or plant--rather than on general scenic views, although a few really outstanding general views can be used.
3. The slides you offer will go into a permanent collection, so do not expect them to be returned. If you want the original, send M. O. S. a duplicate, or take a second shot for M.O.S.

When you have a picture which fits these categories, and which you think is outstanding, send it to Dickson J. Preston, RFD 4, Box 233, Easton, Md., 21601. Or get in touch with me.

This is not a contest, and no prizes will be awarded. Except the prize of knowing that through your photography you are making a valuable personal contribution to the future of M.O.S. and of Irish Grove.

V. Edwin Unger

## ROSE-BREASTED GROSBEEK AS WINTER VISITOR TO CAROLINE COUNTY

Marvin W. Hewitt

On the morning of December 18, 1968, I was surprised to find a strange visitor at my home. I immediately called Jerry and Roberta Fletcher, telling them of my unusual bird.

Roberta came over right away and we agreed that the bird was an immature male Rose-breasted Grosbeak. The grosbeak ate dogwood berries the first four days. Our 9 ft. dogwood tree which is located in our back yard about 35 feet from our house was profusely covered with berries.

The bird had no inclination to eat cracked corn and sunflower seeds which were in a feeder nearby, when it could eat the berries.

The Rose-breasted Grosbeak was dive-bombed several times by a Mockingbird. I wondered how long the visitor would stay and what it would do after the dogwood berries were completely consumed.

For the next two weeks he came to the feeder and ate cracked corn and sunflower seeds. The grosbeak came regularly to feed at least twice a day and perhaps more often. It came about 7:30 A. M. and 4:30 P. M. The bird was somewhat shy but not easily scared away. The other birds would be scared away at the feeder, but the grosbeak would remain. I could approach within 10 feet. January 4, 1969, was the last day I saw my Rose-breasted Grosbeak with the fluffed wing.

This was one of my great thrills in birdwatching and I shall never forget it.

Greensboro

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